

SEQUENCES

SEQ ID	Clone ID Name	Sequence
SEQ ID NO:1	Round 1 (R1) CD28BP-71 (Clone 71)	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAAGTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAATGGTGTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTCCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAATGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAACCTGGATTTCACATGACAAGCAATCACAGCTTCTTGTGTCTTGTCAAGTATGG AGACTTAACAGTGTACAGACCTTCTACTGGCAAGAATCCAAACCAACCCCTTCTGCTAAT CAGCACCTGACCTGGACCATTATTATCCCAGTCTCAGCATTTGGGATTTCTGTGATCATTG CAGTTATACTAATGCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAA TGAAGTGGAAATGCAAAGTTGCTCTCAGTCTCCATGA
SEQ ID NO:2	Round 1 CD28BP-84 (Clone 84)	ATGGGCCACACGCTGAGGCCGGGAACCTCACTGCCCAGGTGTCTACACCTCAAGCTCTGCC TGCTCCTGGCGCTGGCGGGTCTCCACTTCTCTTCAGGTATCAGCCAGGTACCAAGTCGGT GAAAGAAATGGCAGCACTGTCTGTGATTACAACATTTCTATCGATGAACCTGGCGAGAATG CGCATATACTGGCAGAAGGACCAACAGATGGTGTGAGCATCATCTCTGGGCAAGTGGAAG TGTGGCCTGAGTACAAGAACCGCACCTTCCCCGACATCATTAACAACCTCTCCCTTATGAT CCTGGCACTGCGCCTGTCCGACAAGGGCACCTACACCTGCGTGGTTTCAAGAAGTGAAGAC GGGTCTTTTCAGACGGGAGCACCTGACCTCCGTGACACTGTCCATCAGAGCTGACTCCCTG TCCCTAGCATAACTGACATTGGACATCCCGCCCCCTAATGTGAAAAGGATAAGATGCTCCGC CTCTGGAGGTTTTTCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAAGAACTAAACGCC GTCAACACGACGGTTGACCAGGATTTGGACACGGAGCTCTACAGCGTCAGCAGTGAACCTGG ATTTCAATGTGACAAATAACACAGCATCGTGTGTCTCATCAAATACGGGGAGCTGTCCGT GTCACAGATCTTCCCTTGGAGCAAACCAAGCAGGAGCCTCCATTGATCAGCTTCCATTC TGGGTCAATTATCCCAGTAAGTGGTGTCTTGGTGTCTCACTGCGGTAGTTCTCTACTGCCTGG CCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGACAGTGGGAAGTGA AAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:3	Round 1 CD28BP- 118 (Clone 118)	ATGGGCCACACGCTGAGGCCGGGAACCTCACTGCCCAGGTGTCTACACCTCAAGCTCTGCC TGCTCTTGGCGCTGGCGGGTCTCCACTTCTCTTCAGGTATCAGCCAGGTACCAAGTCGGT GAAAGAAATGGCAGCACTGTCTGTGATTACAACATTTCTATCGATGAACCTGGCGAGAATG CGCATATACTGGCAGAAGGACCAACAGATGGTGTGAGCATCATCTCTGGGCAAGTGGAAG TGTGGCCTGAGTACAAAACCGCACCTTCCCCGACATCATTAACAACCTCTCCCTTATGAT CCTGGCACTGCGCCTGTCCGACAAGGGCACCTACACCTGCGTGGTTTCAAGAAGTGAAGAC GGGTCTTTTCAGACGGGAGCACCTGACCTCCGTGACACTGTCCATCAGAGTACTTCCCTG TCCCTAGCATAACTGACATTGGACATCCCGCCCCCTAATGTGAAAAGGATAAGATGCTCCGC CTCTGGAGATTTTCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAAGAACTAAACGCC GTCAACACGACGGTTGACCAGGATTTGGACACGGAGCTCTACAGCGTCAGCAGTGAACCTGG ATTTCAATGTGACAAATAACACAGCATCGTGTGTCTCATCAAATACGGGGAGCTGTCCGT GTCACAGATCTTCCCTTGGAGCAAACCAAGCAGGAGCCTCCATTGATCAGCTTCCATTC TGGGTCAATTATCCCAGTAAGTGGTGTCTTGGTGTCTCACTGCGGTAGTTCTCTACTGCCTGG CCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGACAGTGGGAAGTGA AAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:4	Round 1 CD28BP- 126 (Clone 126)	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAAGTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAATGGTGTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTCCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGATTTGAAAGGGGCTTATAAATGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAAGTTCCTCAAGATCCTGGAACAGCTCTACATGATTA

		GCAGTGAACCTGGATTTCATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTTGAT CAGCTTCCATTCTGGGTCAATTATCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACCTGAAAGGCTGTCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO: 5	Round 2 (R2) CD28BP-1	ATGGGTACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAAGT ACAAGCCTTCGGATCTATTGGCAAAGGATAGTAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAACCTGAGCTCTACATGATTA GCAGTGAACCTGGATTTCATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTTGAT CAGCTTCCATTCTGGGTCAATTATCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACCTGAAAGGCTGTCCCCATCTACTTAGGCTTCCGCGCAATCCTCGGGCTGA
SEQ ID NO: 6	Round 2 CD28BP-2	ATGGGTACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAAGT ACAAGCCTTCGGATCTATTGGCAAAGGATAGTAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAACCTGGATTTCATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCCCCATTTGAT CAGCTTCCATTCTGGGTCAATTATCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACCGCCCGGCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACCTGAAAGGCTGTCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO: 7	Round 2 CD28BP-3	ATGGGTACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAAGT ACAAGCCTTCGGATCTATTGGCAAAGGATAGTAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAACCTGAGCTCTACATGATTA GCAGTGAACCTGGATTTCATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTTGAT CAGCTTCCATTCTGGGTCAATTATCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACCTGAAAGGCTGTCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO: 8	Round 2 CD28BP-4	ATGGGTACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAAGT ACAAGCCTTCGGATCTATTGGCAAAGGATAGTAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTGCTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAACCTGAGCTCTACATGATTA GCAGTGAACCTGGATTTCATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTTGAT CAGCTTCCATTCTGGGTCAATTATCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACCTGAAAGGCTGTCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA

		GAATTAAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAAGTGAAGTCTACATGATTA GCAGTGAAGTGGATTTCATGTGACAAATAACACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCGGTGTACAGATCTTCCCTTGGAGCAAACCAAGCAGGAGCCTCCCATTTGAT CAGCTTCCATTCTGGGTCAATTATCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAGTGAAGGCTGTCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:9	Round 2 CD28BP-5	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAAGTGA ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAAGGGCACCTACACCTGCGTGGTTTCAAGAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAAGTGAAGTCTACATGATTA GCAGTGAAGTGGATTTCATGTGACAAATAACACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCGGTGTACAGATCTTCCCTTGGAGCAAACCAAGCAGGAGCCTCCCATTTGAT CAGCTTCCATTCTGGGTCAATTATCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGGCATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAGTGAAGGCTGTCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:10	Round 2 CD28BP-6	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAAGTGA ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTTATTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAAGTGAAGTCTACATGATTA GCAGTGAAGTGGATTTCATGTGACAAATAACACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCGGTGTACAGATCTTCCCTTGGAGCAAACCAAGCAGGAGCCTCCCATTTGAT CAGCTTCCATTCTGGGTCAATTATCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAGTGAAGGCTGTCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:11	Round 2 CD28BP-7	ATGGGTCACACAATGAAGTGGAGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAAGTGA ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTTATTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAAGTGAAGTCTACATGATTA GCAGTGAAGTGGATTTCATGTGACAAATAACACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCGGTGTACAGATCTTCCCTTGGAGCAAACCAAGCAGGAGCCTCCCATTTGAT CAGCTTCCATTCTGGGTCAATTATCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAGTGAAGGCTGTCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGATGA
SEQ ID NO:12	Round 2 CD28BP-8	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAAGTGA ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTTATTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAAGTGAAGTCTACATGATTA GCAGTGAAGTGGATTTCATGTGACAAATAACACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCGGTGTACAGATCTTCCCTTGGAGCAAACCAAGCAGGAGCCTCCCATTTGAT CAGCTTCCATTCTGGGTCAATTATCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAGTGAAGGCTGTCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGATGA

		AAGATGCTCCGCCTCTGGAGGTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAA GAACTAAACGCCGTC AACACGACGGTTGACCAGGATTTGGACACGGAGCTCTACAGCGTCA GCAGTGAAC TGGATTCCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTTCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGTCTTGGTGTCTACTGCGGTAGTTT TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAC TGAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:13	Round 2 CD28BP-9	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGTCTACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAATGGTGTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTCCAAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAAC TGAAGCTCTACATGATTA GCAGTGAAC TGGATTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTTCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGTCTTGGTGTCTACTGCGGTAGTTT TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAC TGAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:14	Round 2 CD28BP-10	ATGGGTCACACAATGAAGTGGCGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGTCTACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAGGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAATGGTGTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTCCAAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAATGCTACCAACACAACACTGTCCCAAGATCCTGGAAC TGAAGCTCTACATGATTA GCAGTGAAC TGGATTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTTCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGTCTTGGTGTCTACTGCGGTAGTTT TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAC TGAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:15	Round 2 CD28BP-11	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGTCTACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACGCATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAATGGTGTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAAGGGCACCTACACCTGCGTGGTTTCAGAAG AATGAGAACGGGTCTTTCAGACGGGAGCACCTGACCTCCGTGACACTGTCCATCAGAGCTG ACTTCCCTGTCCCTAGCATAACTGACATTGGACATCCCGCCCCAATGTGAAAAGGATAAG ATGCTCCGCCTCTGGAGGTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAAGAA CTAAACGCCGTC AACACGACGGTTGACCAGGATTTGGACACGGAGCTCTACAGCGTCAGCA GTGAAC TGGATTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGGGA GCTGTTCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTTGATCAG CTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGTCTTGGTGTCTACTGCGGTAGTTCTCT ACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAGAACAAGAAGGAATGAAGAGACAGT GGGAAC TGAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:16	Round 2 CD28BP-12	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGTCTACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAATGGTGTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG

		CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAACCTGAGCTCTACATGATTA GCAGTGAACCTGGATTTCATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTT TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACCTGAAAGGCTGTCCCTTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:17	Round 2 CD28BP-13	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAAGT ACTAGCCTTCGGATCTATTGGCAAAAGGATAGTAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAA GAACATAACGCCGTCAACACGACGGTTGACAGGATTTGGACACGGAGCTCTACAGCGTCA GCAGTGAACCTGGATTTCATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTT TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACCTGAAAGGCTGTCCCTTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:18	Round 2 CD28BP-14	ATGGGCCACACGCTGAGGCCGGGAACCTCCACTGCCAGGTGTCTACACCTCAAGCTCTGCC TGCTCTTGGCGCTGGCGGGTCTCCACTTCTCTTCAGGTATCAGCCAGGTCAACAGTCGGT GAAAGAAATGGCGGCACTGTCTGTGATTACAACATTTCTATCGATGAACCTGGCGAGAATG CGCATATACTGGCAGAAGGACCAACAGATGGTGCTGAGCATCATCTCTGGGCAAGTGGAAAG TGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCGATTGTGAT CCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAGCCTGTTTTG AAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAGCTGACTTCC CTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCTAATTTGCTC AACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAAGAATTAAAT GCTACCAACACAACAGTTTCCCAAGATCCTGGAACCTGAGCTCTACATGATTAGCAGTGAAC TGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGGGGAGCTGTC GGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGATCAGCTTCCA TTCTGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTCTCTACTGCC TGGCCTGCAGACATGTTGCGAGGTGAAAAGAACAAGAAGGAATGAAGAGACAGTGGGAAC TGAAAGGCTGTCCCTTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:19	Round 2 CD28BP-15	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAAGT ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCCGTGGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAACCTGAGCTCTACATGATTA GCAGTGAACCTGGATTTCATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTT TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACCTGAAAGGCTGTCCCTTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:20	Round 2 CD28BP-16	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAAGT ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCACTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAACCTGAGCTCTACATGATTA GCAGTGAACCTGGATTTCATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTT TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACCTGAAAGGCTGTCCCTTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA

		CCTGTTTTGAAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAGCTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCTAATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAATGCTACCAACACAACAGTTTTCCCAAGATCCTGGAACCTGAGCTCTACATGATTA GCAGTGAACCTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTTGAT CAGCTTCCATTCTGGGTCAATTATCCAGTAAGTGGTGCTTTGGTGCTCGCTGCGGTAGTTCT TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACCTGAAAGGCTGTCCCTTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:21	Round 2 CD28BP-17	ATGGGTCACACAATGAAGTGGGGATCACTACCACCAAGCGCCCATGCCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAAGTG ACAAGCCTTCGGATCTATTGGCAAAGGATAGTAAATGGTGCTGGCCATCCTGCCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAAACCGCACCTTCCCCGACATCATTAACAACCTCTC CTTATGATCCTGGCACTGCGCCTGTGCGACAAGGGCACCTACACCTGCGTGGTTTCAAG AATGAGAACGGGTCTTTCAGACGGGAGCACCTGACCTCCGTGACACTGTCCATCAGAGCTG ACTTCCCTGTCCCTAGCATAAC TGACATTGGACATCCCGCCCCAATGTGAAAAGGATAAG ATGCTCCGCTCCGGAGATTTTCCAGAGCCTCGCCTCGCTGGATGGAAGATGGAGAAGAA CTAACGCGCTCAACACGACGCTTGACCAGGATTTGGACACGGAGCTCTACAGCGCTCAGCA GTGAACCTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGGGGA GCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTTGATCAG CTTCCATTCTGGGTCAATTATCCAGTAAGTGGTGCTTTGGTGCTCACTGTGGTAGTTCTCT ACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGACAGT GGGAACTGAAAGGCTGTCCCTTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:22	Round 1 (R1) CTLA4BP-5	ATGGGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCATACCTCAAGTTCTTTT CAGCTCTTGGTGCTGGCTGGTCTTTCTCACTTCTGTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAAGGAGAAGAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGATGCTTTCAAGCGGGAACACCTGGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCTGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGGAACCTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCAAGCAAGAGCATTTTCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:23	Round 1 CTLA4BP-7	ATGGGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCATACCTCAATTTCTTTT CAGCTCTTGGTGCTGGCTTGTCTTTCTCATTCTGTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAAGGGGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGATGCTTTCAAGCGAGAACACCTGGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTGAAATTCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCCAGAGCCTCGCCTCTCCTGGTTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGAAACTGAGCTCTATGCTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCAAGCAAGAGCATTTTCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:24	Round 1 CTLA4BP-11	ATGAGCCACACACGGAGGCAGGGAACATCACCATCCAAGTGTCCTGACCTCAAGTTCTTTT CAGCTCTTGGTGCTGGCTAGTCTTTCTCACTTCTGTTCAGGTGTTATCCACATGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCTGCTGAGTCAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT

		GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGATGCTTTCAAGCGAGAACACCTGGCTGAAGTGATGTTATCCGTCAAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTTGAAATTCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTCCAGAGCCTCACCTCTTCTGGCTGGAAAATGGAGAAGAAATTAAT GCCATCAACACAACAGTTTCCCAAGATCCTGAAACTGAGCTCTATGCTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACAACCAAGCAAGAGCATTTTCTGTATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTGTGATATGCTGCCTGACCC ACTGTTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ACACCCTGTATGA
SEQ ID NO: 25	Round 1 CTLA4BP- 13	ATGGGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCATACCTCAAGTTCCTTC AGCTCTTGGTGCTGGCTTGTCTTTCTCATTTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACA ACTCGCATCTACTGGCAAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGGGAACACCTAGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCACCTTCTAATATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTCCAGAGCCTCACCTCTTCGGGTTGGAAAATGGGGAAGAAATAAAT GCCATCAACACAACAGCTTCCCAAGATCCTGAAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACACCAATCGCAGTTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCAAGCAAGAGCATTTTCTGTATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGCAAATGGAATTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGAGCAATGAGAGACTGAGAAGGGAAAGTGT ACGCCCTGTATGAG
SEQ ID NO: 26	Round 1 CTLA4BP- 27	ATGAGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCATACCTCAATTTCTTTC AGCTCTTGGTGCTGGCTAGTCTTTCTCATTTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACA ACTCGCATCTACTGGCAAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGAGAACACCTGGCTGAAGTGATGTTATCCGTCAAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCCGGAGGTTTCTGTAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAAATTAAT GCCATCAACACAACAGTTTCCCAAGATCCTGAAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAGCCAATCACAGTTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCAAGCAAGAGCATTTTCTGTATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAGAAGGAATGAGACACTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO: 27	Round 2 CTLA4BP- 5x2-10c	ATGGGCCACACACGGAGGCAGGGAATATCACCACCAAGTGTCATACCTCAATTTCTTTC AGCTCTTGGTGCTGGCTTGTCTTTCTCATTTCTGTTTCAGGTGTTATCCACGTGACTAAGGA AGTGAAAGAAGTGGCAACACTGTCCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACA ACTCGCATCCACTGGCAAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCCGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGGGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTGAAATTCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTCTGTAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAAATTAAT GCCATCAACACAACAGTTTCCCAAGATCCTGAAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAGCCAATCACAGTTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCAAGCAAGAGCATTTTCTGTATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGGAATGAGACACTGAGAAGGGAAAGTGTACG CCCTGTATGAC
SEQ ID NO: 28	Round 2 CTLA4BP- 5x2-11d	ATGAGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCATACCTCAAGTTCCTTC AGCTCTTGGTGCTGGCTTGTCTTTCTCATTTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACA ACTCGCATCCACTGGCAAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA

		ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGAGAACACCTGGCTGAAGTGTATCCGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTTGAATTTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTCCAGAGCCTCACCTCTTCTGGCTGGAAAATGGGGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCGATCGCAGTTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTTCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGCAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAAGAGCAATGAGACACTGAGAAGGGAAAGTGT ACGCCCTGTATGAAA
SEQ ID NO:29	Round 2 CTLA4BP- 5x2-12F	ATGAGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCCGTACCTCAAGTTCTTTTC AGCTCTTGGTGCTGGCTAGTCTTTCTCATTCTGTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAAAGGAGAAGAAAATGGTGCTGACCATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGAGAACACCTAGCTGAAGTGACGTTATCAGTCAAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTTGAATTTCCACCTTCTAACATTAAGGATAAATTTGCTC AACCTCCGAGGTTTCTCTGAGCCTCACCTCTCCTGGCTGGAAAATGGGGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTTCTGATAACCCACTC CCATCCTGGGCCATTACCTTAATCTCAGCAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGGAGAAGGAATGAGACACTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:30	Round 2 CTLA4BP- 5x2-2g	ATGGGCCACACACGGAGGCAGGGAACATCACCATCCAAGTGTCCGTACCTCAAGTTCTTTTC AGCTCTTGGTGCTGGCTGTCTTTCTCATTCTGTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGGGAACACCTGGCTGAAGTGTATCCGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTTGAATTTCCAACCTCTAACATTAGAAGGATAATTTGCTC AACCTCCGAGGTTTCTCTGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTTCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACCGCTTTGCCCCAAGATGCAGAGAGAGAAAGAGCAATGAGAGACTGAGAAGGGAAAGTGT ACGCCCTGTATGAC
SEQ ID NO:31	Round 2 CTLA4BP- 5x2-3c	ATGGGCTACACACGGAGGCAGGGAACATCACCATCCAAGTGTCCGTACCTCAAGTTCTTTTC AGCTCTTGGTGCTGGCTGTCTTTCTCATTTCTGTTCAGGTGTTATCCACGTGACCAGGGA AGTGAAAGAAGTGGCAACACTGTCTGTGGCCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGGGAACACCTAGCTGAAGTGTATCCGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTTGAATTTCCAACCTCTAATATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTCTCTGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGAACTGGGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTTCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAAGAGCAATGAGAGACTGAGAAGGGAAAGTGT ATGCCCTGTATAAG
SEQ ID NO:32	Round 2 CTLA4BP- 5x2-4c	ATGAGCCACACACGGAGGCAGGGAACATCACCATCCAAGTGTCCGTACCTCAAGTTCTTTTC AGCTCTTGGTGCTGGCTAGTCTTTCTCATTCTGTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCTGTGGTCTCAATGTTTCTGTTGAAGAGCTGGCACAA

	5x3-11b	AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTAGCACAA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCTCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGGGAACACCTAGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTGAAATTCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTCTCTGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAGCACAAACAGTTTCCCAAGATCCTGAAACTGAGCTCTACACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAATCGCAGTTTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCCTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGGAGCAATGAGAGACTGAGAAGGGAAAGTGT ACGCCCTGTATGAA
SEQ ID NO:37	Round 2 CTLA4BP- 5x3-6f	ATGGGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCCGTACCTCAATTCTTTC AGCTCTTGGTGCTAGCTGGTCTTTCTCACTTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAAGGGGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGGAGTATGAA AAAGACGCTTTCAAGCGGGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCACCTTCTAATATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTCTCTGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGCTTCCCAAGATCCTGAAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCCTAATCTCAGCAAATGGAATTTTTGTGATATGCTGCCTGGCCT ACTGCTTTGCCCCAGGATGCAGAGAGAGAAAAGAGCAATGAGAGACTGAGAAGGGAAAGTGT ACGCCCTGTATGAC
SEQ ID NO:38	Round 2 CTLA4BP- 5x4-11d	ATGGGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCCATACCTCAAGTTCTTTC AGCTCTTGGTGCTGGCTTGTCTTTCTCATCTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCTGTGGTCTCAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAT AAAGACGCTTTCAAGCGGGAACACCTGGCTGAAGTGACGTTGTCTAGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCCGGAGGTTTTCTCTGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGAAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAGCCAATCACAGTTTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCCTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACCGCTTTGCCCCAAGATGCAGAGAGAGAAAAGAGCAATGAGAGACTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:39	Round 2 CTLA4BP- 5x4-12c	ATGGGCCACACACGGAGGCAGGGAACATCACCATCCAAGTGTCCATACCTCAAGTTCTTTC AGCTCTTGGTGCTGGCTGGTCTTTCTCACTTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATCGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGATGCTTTCAAGCGGGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCCAGAGCCTCACCTCTTCTGGTTGGAAAATGGGGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGAAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCCTAATCTCAGCAAATGGAATTTTTGTGATATGCTGCCTGACCT ACCGCTTTGCCCCAAGATGCAGAGAGAGAAAAGAGCAATGAGACACTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID	Round 2	ATGGGCCACACACGGAGGCAGGGAACATCACCATCCAAGTGTCCGTACCTCAAGTTCTTTC

NO: 40	CTLA4BP- 5x4-1f	AGCTCTTGGTGATGGCTTGTCTTTCTCATTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGAGAACACCTAGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTTCAACTTCTAATATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCAGAGCCTCACCTCTTCTGTTGGAAAATGGGGAAGAATTAAT GCCATCAACACAACAGTTTCCCAAGATCCTGAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ATGCCCTGTATGAG
SEQ ID NO: 41	Round 2 CTLA4BP- 5x5-2e	ATGGGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCATACCTCAAGTTCTTTC AGCTCTTGGTGCTAGCTTGTCTTTCTCATTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCTCAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGAGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCCTGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAT GCCATCAACACAACAGTTTCCCAAGATCCTGAACTGAGCTCTATGCTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGGAGAAGGAATGAGACACTGAGAAGGGAAAGTGT ACGCCCTGTATGAG
SEQ ID NO: 42	Round 2 CTLA4BP- 5x5-6e	ATGGGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCATACCTCAAGTTCTTTC AGCTCTTGGTGCTGGCTGGTCTTCTCATCTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGATGCTTTCAAGCGGGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTGAAATTTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCCTGAGCCCCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAT GCCATCAGCACAACAGTTTCCCAAGATCCTGAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACAACCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGCAAATGGAATTTTTGTGATATGCTGCCTGACCC ACTGTTTTGCCCCAAGATGCAGAGAGAGAAAGAGGAATGAGAGACTGAGAAGGGAAAGTGT ACGCCCTGTATGAG
SEQ ID NO: 43	Round 2 CTLA4BP- 5x6-9d	ATGAGCCACACACGGAGGCAGGGAACATCACCATCCAAGTGTCATACCTCAAGTTCTTTC AGTCCTTGGTGCTGGCTGGTCTTTCTCATCTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGAGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTTCAACTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCAGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAT GCCATCAACACAACAGTTTCCCAAGATCCTGAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAGCCAATCACAGTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ACGCCCTGTATGAG

SEQ ID NO:44	Round 2 CTLA4BP- 5x8-1f	ATGGGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCGCTACCTCAATTTCTTTTC AGCTCTTGGTGCTGGCTTGTCTTTCTCATTTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGGGAACACCTGGCTGAAGTGATGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTGAAATTCACCTTCTAACATTAGAAGGATAATTTGCTC AGCCTCTGGAGGTTTTCCAGAGCCTCACCTCTTCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGAAACTGAGCTCTATGCTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAGGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCCTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAAGAGCAATGAGAGACTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:45	Round 2 CTLA4BP- 5x9-12c	ATGGGCCACACACGGAGGCAGGGAACATCACCATCCAAGTGTCGCTACCTCAATTTCTTTTC AGCTCTTGGTGCTGGCTTGTCTTTCTCATTTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGAGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTGAAATTCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCCGGAGGTTTTCCAGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGCTTCCCAAGATCCTGAAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCCTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAAGAGCAATGAGAGACTGAGAAGGGAAAGTGT ACGCCCTGTATGAG
SEQ ID NO:46	Baboon B7-1	ATGGGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCATACCTCAAGTTCTTTTC AGCTCTTGGTGCTGGCTTGTCTTTCTCATTTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGATGCTTTCAAGCGAGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTGAAATTCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCCAGAGCCTCACCTCTTCTGGTTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGAAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAATCACAGTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCCTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGTTTTGCCCCAAGATGCAGAGAGAGAAAGGAATGAGACATTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:47	Orangutan B7-1	ATGGGCCACACACGGAGGCAGGGAACATCACCATCCAAGTGTCATACCTCAATTTCTTTTC AGCTCTTGGTGCTGGCTAGTCTTTCTCACTTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATCCTGGCTCTGCGCCCATCTGACGAGGGGCACATATGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGGGAACACCTGGCTGAAGTGACGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCACCTTCTAATATTAGAAGGATGATTTGCTC AACCTCTGGAGGTTTTCCAGAGCCTCACCTCTCCTGGTTGGAAAATGGAGAAGAATTAAAT GCCATCAGCACAACAGTTTCCCAAGATCCTGAAACTGAGCTCTATGCTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCCTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAAGGAATGAGAGACTGAGAAGGGAAAGTGT

		ACGCCCTGTATGA
SEQ ID NO:48	Round 1 CD28BP-71 (Clone 71)	MGHTMKWGS LPPKR PCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYNTSTEEL TSLRIYWQKDSK MVLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCV IQ PVLKGAYKLEHLASVRLMIRADFVPPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTSLSDPETKLYMISSELDNFNMTSNHSFCLCLVKYGDLTVSQTFYWQESKPTPSAN QHLTWTIIIPVSAFGISVIAVILTCLTCRNAAIRRQRRENEVEMQSCSQSP
SEQ ID NO:49	Round 1 CD28BP-84 (Clone 84)	MGHTLRPGTPLPRLHLKLCLLLALAGLHFSSGISQVTKSVKEMAALSCDYNISIDELARM RIYWQKDQOMVLSIISGQVEVWPEYKNRTFPDIINNLSLMILALRLSDKGTYTCVVQKNEN GSFRREHLTSVTL SIRADSPVPSITDIGHAPPNVKRIRCSASGGFPEPRLAWMEDGEELNA VNTTVDQDLDTELYSVSSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPI DQLPF WV IIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:50	Round 1 CD28BP- 118	MGHTLRPGTPLPRLHLKLCLLLALAGLHFSSGISQVTKSVKEMAALSCDYNISIDELARM RIYWQKDQOMVLSIISGQVEVWPEYKNRTFPDIINNLSLMILALRLSDKGTYTCVVQKNEN GSFRREHLTSVTL SIRADFPVPSITDIGHAPPNVKRIRCSASGDFPEPRLAWMEDGEELNA VNTTVDQDLDTELYSVSSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPI DQLPF WV IIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:51	Round 1 CD28BP- 126	MGHTMKWGS LPPKR PCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYSTSTEEL TSLRIYWQKDSK MVLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCV IQ PDLKGAYKLEHLTSVRLMIRADFVPPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTSLSDPGTELYMISSELDNFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPI D QLPFVW IIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:52	Round 2 CD28BP-1	MGHTMKWGS LPPKR PCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYSTSTEEL TSLRIYWQKDSK MVLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCV IQ PVLKGAYKLEHLASVRLMIRADFVPPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTSLSDPGTELYMISSELDNFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPI D QLPFVW IIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:53	Round 2 CD28BP-2	MGHTMKWGS LPPKR PCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYSTSTEEL TSLRIYWQKDSK MVLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCV IQ PVLKGAYKLEHLASVRLMIRADFVPPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTSLSDPETKLYMISSELDNFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPI D QLPFVW IIPVSGALVLTAVVLYRPA CRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:54	Round 2 CD28BP-3	MGHTMKWGS LPPKR PCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYNTSTEEL TSLRIYWQKDSK MVLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCV IQ PVLKGAYKLEHLASVRLMIRADFVPPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTSLSDPGTELYMISSELDNFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPI D QLPFVW IIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:55	Round 2 CD28BP-4	MGHTMKWGS LPPKR PCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYNTSTEEL TSLRIYWQKDSK MVLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCV IQ PVLKGAYKLEHLASVRLMIRADFVPPTINDLGNPSNIRRLICSTSGGFPRPHLCWLENGE ELNATNTTSLSDPGTELYMISSELDNFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPI D QLPFVW IIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:56	Round 2 CD28BP-5	MGHTMKWGS LPPKR PCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYSTSTEEL TSLRIYWQKDSK MVLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDKGTYTCVVQK PVLKGAYKLEHLTSVRLMIRADFVPPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTSLSDPGTELYMISSELDNFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPI D QLPFVW IIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:57	Round 2 CD28BP-6	MGHTMKWGS LPPKR PCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYNTSTEEL TSLRIYWQKDSK MVLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCV IQ PVLKGAYKLEHLASVRLMIRADFVPPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTSLSDPGTELYMISSELDNFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPI D QLPFVW IIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:58	Round 2 CD28BP-7	MGHTMKWRS LPPKR PCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYNTSTEEL TSLRIYWQKDSK MVLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCV IQ PVLKGAYKLEHLASVRLMIRADFVPPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTSLSDPGTELYMISSELDNFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPI D QLPFVW IIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:59	Round 2 CD28BP-8	MGHTMKWGS LPPKR PCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYNTSTEEL TSLRIYWQKDSK MVLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCV IQ PVLKGAYKLEHLASVRLMIRADFVPVPSITDIGHAPPNVKRIRCSASGGFPEPRLAWMEDGE

		ELNAVNTTVDQDLDTELYSVSSELDSNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO: 60	Round 2 CD28BP-9	MGHTMKWGSLLPPKRPCWLWSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTTSQDPGTLEYMISSELDNFVNTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO: 61	Round 2 CD28BP-10	MGHTMKWRSLLPPKRPCWLWSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTTSQDPGTLEYMISSELDNFVNTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO: 62	Round 2 CD28BP-11	MGHTMKWGSLLPPKRPCWLWSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDKGYTCVQK NENGSRREHLTSVTLIRADFPVPSITDIGHAPPNVKRIRCSASGGFPEPRLAWMEDGEE LNAVNTTVDQDLDTELYSVSSELDFNVNTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPIDQ LPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO: 63	Round 2 CD28BP-12	MGHTMKWGSLLPPKRPCWLWSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTTSQDPGTLEYMISSELDNFVNTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO: 64	Round 2 CD28BP-13	MGHTMKWGSLLPPKRPCWLWSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPEPRLAWMEDGE ELNAVNTTVDQDLDTELYSVSSELDFNVNTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO: 65	Round 2 CD28BP-14	MGHTLRPGTPLPRCLHLKLCLLLALAGLHFSSGISQVTKSVKEMAALSCDYNISIDELARM RIYWQKQDMVLSIIISQVEVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ATNTTTSQDPGTLEYMISSELDNFVNTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPIDQLP FWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO: 66	Round 2 CD28BP-15	MGHTMKWGSLLPPKRPCWLWSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRPSDSGYTCVIQK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTTSQDPGTLEYMISSELDNFVNTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO: 67	Round 2 CD28BP-16	MGHTMKWGSLLPPKRPCWLWSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTTSQDPGTLEYMISSELDNFVNTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVIIIPVSGALVLAADVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO: 68	Round 2 CD28BP-17	MGHTMKWGSLLPPKRPCWLWSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTFPDIINNLMLALRLSDKGYTCVQK NENGSRREHLTSVTLIRADFPVPSITDIGHAPPNVKRIRCSASGDFPEPRLAWMEDGEE LNAVNTTVDQDLDTELYSVSSELDFNVNTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPIDQ LPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO: 69	Round 1 CTLA4BP-5	MGHTRRQGISPSKCPYLKFFQLLVLAGLSHFCSGVIHVTKEVKEVATLSCGHNVSVEELAQ TRIHQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVLSVKADFPPTPSIDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTTSQDPGTLEYTVSSKLDNFMTTNNHSMCLIKYGLRVNQTFNWNTPKQEHFPDNL PSWAITLISVNGIFVICCLTYCFAPRCRERRRNERLRRESVRPV
SEQ ID NO: 70	Round 1 CTLA4BP-7	MGYTRRQGTSPSKCPYLKFFQLLVLAGLSHLCSGVIHVTNEVKEVATLSCGHNVSVEELAQ TRIWQKEKKMVLTMMYGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVLSVKADFPPTPSITDFEIPPSNIRRIICLTSGGFPEPRLAWMKDGEELN AISTTTSQDPGTLEYAVSSKLDNFMTTNNHSMCLIKYGLRVNQTFNWNTPKQEHFPDNL PSWAITLISVNGIFVICCLTYCFAPRCRERRRNERLRRESVRPV
SEQ ID NO: 71	Round 1 CTLA4BP-	MSHTRRQGTSPSKCPYLKFFQLLVLAGLSHFCSGVIHMTKEVKEVATLSCGHNVSVEELAQ TRIWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE

	11	KDAFKREHLAEVMSVKADFPPTPSITDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AINTTVSQDPETELYAVSSKLDNFMTTNHSMCLIKYGLRVNQTFNWNTPKQEHF PDNLL PSWAITLISVNGIFVICCLTHCFAPRCRERRRNERLRRESVHPV
SEQ ID NO:72	Round 1 CTLA4BP- 13	MGHTRRQGISPSKCPYLKFFQLLVLAACLSHFCSGVIHVTKEVKEVATLSCGHNVSVEELAQ TRIIYWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVTLVKADFPPTPSISDFEIPTSNIIRRIICSTSGGFPEPHLFWLENGEELN AINTTVSQDPETELYTVSSKLDNFMTNRSFVCLIKYGLRVNQTFNWNTPKQEHF PDNLL PSWAITLISANGIFVICCLTYCFAPRCRERKSNERLRRESVRPV
SEQ ID NO:73	Round 1 CTLA4BP- 27	MSHTRRQGISPSKCPYLNFFQLLVLAASLSHFCSGVIHVTKEVKEVATLSCGLNVSVEELAQ TRIIYWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVMSVKADFPPTPSISDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPETELYTVSSKLDNFMTANHSFVCLIKYGLRVNQTFNWNTPKQEHF PDNLL PSWAITLISVNGIFVICCLTYCFAPRCRERRRNETLRRESVRPV
SEQ ID NO:74	Round 2 CTLA4BP- 5x2-10c	MGHTRRQGISPPKCPYLNFFQLLVLAACLSHFCSGVIHVTKEVKEVATLSCGHNVSVEELAQ TRIIHWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVMSVKADFPPTPSITDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPETELYTVSSKLDNFMTANHSFVCLIKYGLRVNQTFNWNTPKQEHF PDNLL PSWAITLISVNGIFVICCLTYCFAPRCRERRRNETLRRESVRPV
SEQ ID NO:75	Round 2 CTLA4BP- 5x2-11d	MSHTRRQGISPSKCPYLKFFQLLVLAACLSHFCSGVIHVTKEVKEVATLSCGHNVSVEELAQ TRIIHWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVMSVKADFPPTPSITDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AINTTVSQDPETELYTVSSKLDNFMTTDRSFVCLIKYGLRVNQTFNWNTPKQEHF PDNLL PSWAITLISANGIFVICCLTYCFAPRCRERKSNETLRRESVRPV
SEQ ID NO:76	Round 2 CTLA4BP- 5x2-12f	MSHTRRQGISPSKCPYLKFFQLLVLAASLSHFCSGVIHVTKEVKEVATLSCGHNVSVEELAQ TRIIHWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVTLVKADFPPTPSITDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPETELYTVSSKLDNFMTTNHSMCLIKYGLRVNQTFNWNTPKQEHF PDNPL PSWAITLISANGIFVICCLTYCFAPRCRERRRNETLRRESVRPV
SEQ ID NO:77	Round 2 CTLA4BP- 5x2-2g	MGHTRRQGTSPSKCPYLKFFQLLVLAACLSHFCSGVIHVTKEVKEVATLSCGHNVSVEELAQ TRIIHWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVMSVKADFPPTPSITDFEIPTSNIIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPETELYTVSSKLDNFMTTNHSMCLIKYGLRVNQTFNWNTPKQEHF PDNLL PSWAITLISVNGIFVICCLTYRFAPRCRERKSNERLRRESVRPV
SEQ ID NO:78	Round 2 CTLA4BP- 5x2-3c	MGYTRRQGTSPSKCPYLKFFQLLVLAACLSHFCSGVIHVTREVKEVATLSCGHNVSVEELAQ TRIIHWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVMSVKADFPPTPSISDFEIPTSNIIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPETGLTYTVSSKLDNFMTTNHSMCLIKYGLRVNQTFNWNTPKQEHF PDNLL PSWAITLISVNGIFVICCLTYCFAPRCRERRRNERLRRESVCPV
SEQ ID NO:79	Round 2 CTLA4BP- 5x2-4c	MSHTRRQGTSPSKCPYLKFFQLLVLAASLSHFCSGVIHVTKEVKEVATLSCGLNVSVEELAQ TRIIYWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVMSVKADFPPTPSISDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN GINTTVSQDPETELYTVSSKLDNFMTNRSFVCLIKYGLRVNQTFNWNTPKQEHF PDNLL PSWAITLISVNGIFVICCLTYCFAPRCRERRRNERLRRESVHPV
SEQ ID NO:80	Round 2 CTLA4BP- 5x2-7b	MSHTRRQGISPSKCPYLNFFRLLVLASLSHFCSGVIHVTKEVKEVATLSCGHNVSVEELAQ TRIIHWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVTLVKAGFPPTPSITDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPGTETYTVSSKLDNFMTANHSFVCLIKYGLRVNQTFNWNTPKQEHF PDNLL PSWAITLISANGIFVICCLTYCFAPRCRERRRNERLRRESVRPV
SEQ ID NO:81	Round 2 CTLA4BP- 5x2-8c	MSHTRRQGTSPSKCPYLKFFQLLVLAASLSHFCSGVIHMTKEVKEVATLSCGHNVSVEELAQ TRIIYWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKQEHLEAVMSVKADFPPTPSITDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AINTTVSQDPETELYAVSSKLDNFMTTNHSMCLIKYGLRVNQTFNWNTPKQEHF PDNLL PSWAITLISANGIFVICCLTYCFAPRCRERRRNERLRRESVHPV
SEQ ID NO:82	Round 2 CTLA4BP- 5x3-10e	MGYTRRQGISPSKCPYLKFFQLLVLAACLSHFCSGVIHVTKEVKEVATLSCGHNVSVEELAQ TRIIYWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVTLVKADFPPTPSISDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AINTTVSQDPETELYAVSSKLDNFMTTNHSMCLIKYGLRVNQTFNWNTPKQEHF PDNLL PSWAITLISANGIFVICCLTYCFAPRCRERKSNERLRRESVHPV
SEQ ID	Round 2	MSHTRRQGISPSKCPYLKFFQLLVLAACLSHFCSGVIHVTKEVKEVATLSCGHNVSVEELAQ

SEQ ID NO: 95	Round 2 CD28A12-5	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCGAAAGGATAGTAAAATGNTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGTACCATCACTGACATGAACGATAAACCCTCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTCAGAAG CCTGATTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAAATGGAGAA GAATTAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAACCTGAGCTCTACATGATTA GCAGTGAACCTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTTGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACCTGAAAGGCTGTCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO: 96	Round 2 CD28A4-5*	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGTGGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAAGGATAGTAAAATGGTGTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAAACCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAAATGGAGAA GAATTAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAACCTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACCGAAAGGCTGTCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO: 97	Round 2 CD28A4-9	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAAACTG ACAAGCCTTCGGATCTATTGGCAAAAAGGATAGTAAAATGGTGTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAAACCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAAATGGAGAA GAATTAATGCTACCAACACAACAGTTTCCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAACCTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCCGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACCTGAAAGGCTGTCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGAGGTA CCAAGCTTAAGTTNA
SEQ ID NO: 98	Round 2 CD28A6-9	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAAGGATAGTAAAATGGTGTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAAACCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAAATGGAGAA GAATTAATGCTACCAACACAACAGTTTCCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAACCTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCCGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACCTGAAAGGCTGTCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGAGGTA CCAAGCTTAAGTTNA

		TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAGTGAAGGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:99	Round 2 CD28A6-1	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCCCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAAATGATCTTGGAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAATGCTACCAACACAACAGTTTCCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAAGTGGATTTCAATGTGACAAATAACCACAGCATTGTGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCCGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGATAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAGTGAAGGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:100	Round 2 CD28A8-4	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAAATGATCTTGGAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAACCTGAGCTCTACATGATTA GCAGTGAAGTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAGTGAAGGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTAG
SEQ ID NO:101	Round 2 CD28A8-6	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCCC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCCATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG AATGAGAACGGGTCTTTTCAGACGGGAGCACCTGACCTCCGTGACACTGTCCATCAGAGCTG ACTTCCCTGTCCCTAGCATAACTGACATTGGACATCCCCGCCCTAATGTGAAAAGGATAAG ATGCTCCGCTCTGGAGGTTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAAGAA CTAAACGCCGTCAACACAACGGTTGACCAGGATTTGGACACGGAGCTCTACAGCGTCAGCA GTGAGCTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGGGGA GCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGATCAG CTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTCCT ACTGCCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGACAGT GGGAAGTGAAGGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:102	Round 2 CD28B2-8	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAAGGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAAATGATCTTGGAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAACCTGAGCTCTACATGATTA GCAGTGAAGTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT GGAGCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT

		CAGCTTCCATTCTGGGTCATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACGAGAAGGAATGAAGAGAC AGTGGGAAC TGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:103	Round 2 CD28B4-3	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAATGCTACCAACACAACACTGTCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAAC TGGATTTCAACATGACAAGCAATCACAGCTTCTTGTGTCTTGTCAAGTATGG AGACTTAACAGTGTACAGACCTTCTACTGGCAAGAATCCAAACCAACCCCTTCTGCTAAT CAGCACCTGACCTGGACCATTATTATCCAGTCTCAGCATTGTTGGGATTTCTGTGATCATTG CAGTTATACTAACATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAA TGAAGTGGAAATGCAAAGTTGCTCTCAGTCTCCATAG
SEQ ID NO:104	Round 2 CD28B6-3	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGATTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAATGCTACCAACACAACACTGTCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAAC TGGATTTCAACATGACAAGCAATCACAGCTTCTTGTGTCTTGTCAAGTATGG AGACTTAACAGTGTACAGACCTTCTACTGGCAAGAATCCAAACCAACCCCTTCTGCTAAT CAGCACCTGACCTGGACCATTATTATCCAGTCTCAGCATTGTTGGGATTTCTGTGATCATTG CAGTTATACTAACATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAA TGAAGTGGAAATGCAAAGTTGCTCTCAGTCTCCATGAG
SEQ ID NO:105	Round 2 CD28B6-6	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAAGGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGACCTCCGTGACACTGTCCATCAGAG CTGACTTCCCTGTCCCTAGCATAACTGACATTGGACATCCCGCCCCCTAATGTGAAAAGGAT AAGATGCTCCGCCCTCTGGAGGTTTTCCAGAGCCTCGCCTCGCTGGATGGAAGATGGAGAA GAACTAAACGCCGTCAACACGACGGTTGACCAGGATTTGGACACGGAGCTCTACAGCGTCA GCAGTGAAC TGGATTTCAATGCGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCATTGTCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCTGGCAGACATGTTGCGAGGTGA
SEQ ID NO:106	Round 2 CD28B8-5*	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAATGCTACCAACACAACACTGTCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAAC TGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT

		CAGCTTCCATTCTGGGTCATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAC TGA AAGGCTGTCCCTATCTACTTAGGCTCTGCACAATCCTCGGGCTGA
SEQ ID NO:107	Round 2 CD28C11-5	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTTTCCAAGATCCTGGAAC TGA GCTCTACATGATTA GCAGTGAAC TGGATTTCAATGTGACAAATAACCACAGCATCGCGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAC TGA AAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTAG
SEQ ID NO:108	Round 2 CD28C6-1	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTTTCCAAGATCCTGGAAC TGA GCTCTACATGATTA GCAGTGAAC TGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGGTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAC TGA AAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:109	Round 2 CD28C7-3	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGATTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTAGCATAACTGACATTGGACATCCCGCCCCCTAATGTGAAAAGGAT AAGATGCTCCGCCCTCTGGAGATTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAA GAACTAAACGCCGTCAACACGACGGTTGACCAGGATTTGGACACGGAGCTCTACAGCGTCA GCAGTGAAC TGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAC TGA AAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:110	Round 2 CD28C8-6	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTTTCCAAGATCCTGGAAC TGA GCTCTACATGATTA GCAGTGAAC TGGGTTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG

		GGAGCTGTCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCCTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAGTGAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGAG
SEQ ID NO:111	Round 2 CD28C9-5*	ATGGGTACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCTGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAAGTGAAGTCTACATGATTA GCAGTGAAGTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCCTTGGTGCTCACTGCGGTAGTTC TCTACTGCCCTGGCCTGCAGACATGTTGCGAGGTGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAGTGAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTAG
SEQ ID NO:112	Round 2 CD28C2-4	ATGGGCCACACGCTGAGGCCGGGAAGTCCACTGCCCAGGTGTCTACACCTCAAGCTCTGCC TGCTCTTGGCGCTGGCGGGTCTCCACTTCTCTTCAGGTATCAGCCAGGTACCAAGTCGGT GAAAGAAATGGCAGCACTGTCTGTGATTACAACATTTCTATCGATGAAGTGGCGAGAATG CGCATATACTGGCAGAAGGACCAACAGATGGTGTGAGCATCATCTCTGGGCAAGTGGAGG TGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCGTATTGTGAT CCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAGCCTGTTTTG AAAGGGGCTTATAAACCAGGACACCTGGCTTCCGTGAGGTTAATGATCAGAGCTGACTTCC CTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCTAATTTGCTC AACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAAGTAATAAT GCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTAGCAGTGAAC TGGATTTCAACATGACAAGCAATCACAGCTTCTTGTGTCTTGTCAAGTATGGAGACTTAAC AGTGTACAGACCTTCTACTGGCAAGAATCCAAACCAACCCCTTCTGCTAATCAGCACCTG ACCTGGACCATTATTATCCCAGTCTCAGCATTTGGGATTTCTGTGATCATTGCAGTTATAC TAACATGCCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAATGAAGTGA AATGCAAAGTTGCTCTCAGTCTCCATAG
SEQ ID NO:113	Round 2 CD28D2-3	ATGGGTACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCAGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACTGATCTTGGAAATCCATCTCCTAATATCAGAAGGCTAATTTG CTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAAGAATTA AATGCTACCAACACAACAGTTTCCCAAGATCCTGGAAGTGAAGTCTACATGATTAGCAGTG AACTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGGGGAGCT GTCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGATCAGCTT CCATTCTGGGTCAATTATCCCAGTAAGTGGTGCTTGGTGCTCACTGCGGTAGTTCTCTACT GCCTGGCCTGCAGACATGTTGCGAGGTGAAAAGAACAAGAAGGAATGAAGAGACAGTGGG AACTGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:114	Round 2 CD28D2-9	ATGGGTACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACTGATCTTGGAAATCCATCTCCTAATATCAGAAGGCTAATTTG CTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAAGAATTA AATGCTACCAACACAACAGTTTCCCAAGATCCTGGAAGTGAAGTCTACATGATTAGCAGTG AACTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGGGGAGCT GTCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGATCAGCTT CCATTCTGGGTCAATTATCCCAGTAAGTGGTGCTTGGTGCTCACTGCGGTAGTTCTCTACT GCCTGGCCTGCAGACATGTTGCGAGGTGAAAAGAACAAGAAGGAATGAAGAGACAGTGGG AACTGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA

		GCAGTGAAC TGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCGGTGTACAGATCTTCCCTTGGAGCAAACCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCATTATCCCAGTAAGTGGTGTCTTGGTGTCTACTGCGGTAGTTC TCTACTGCCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAC TGAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:115	Round 2 CD28D8-9	ATGGGTACACAAATGAAGTGGGGATCACTACCACCAAGCGCCCATGCCCTCTGGCTCTCTC AGCTCTTGGTGTCTACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAGGATAGTAAAATGGTGTGCGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTTTCCCAAGATCCTGGAAC TGAAGCTCTACATGATTA GCAGTGAAC TGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCGGTGTACAGATCTTCCCTTGGAGCAAACCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCATTATCCCAGTAAGTGGTGTCTTGGTGTCTACTGCGGTAGTTC TCTACTGCCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAC TGAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:116	Round 2 CD28D11-1	ATGGGTACACAAATGAAGTGGGGATCACTACCACCAAGCGCCCATGCCCTCTGGCTCTCTC AGCTCTTGGTGTCTACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAGGATAGTAAAATGGTGTGCGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGCGTGGTTTCAGAAG AATGAGAACGGGTCTTTCAGACGGGAGCACCTGACCTCCGTGACATGTCCATCAGAGCTG ACTTCCCTGTCCCTAGCATAACTGACATTGGACATCCCGCCCCCTAATGTGAAAAGGATAG ATGCTCCGCCCTCTGGAGATTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAAGAA CTAAACGCCGTCAACACGACGGTTGACCAGGATTTGGACACGGAGCTCTACAGCGTCAGCA GTGAACTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGGGGA GCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCAAGCAGGAGCCTCCCATTGATCAG CTTCCATTCTGGGTCAATTATCCTAGTAAGTGGTGTCTTGGTGTCTACTGCGGTAGTTCTCT ACTGCCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGACAGT GGGAAC TGAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGAG
SEQ ID NO:117	Round 2 CD28D12-5	ATGGGTACACAAATGAAGTGGGGATCACTACCACCAAGCGCCCATGCCCTCTGGCTCTCTC AGCTCTTGGTGTCTACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAGGATAGTAAAATGGTGTGCGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTAGCATAACTGACATTGGACATCCCGCCCCCTAATGTGAAAAGGAT AAGATGCTCCGCCCTCTGGAGATTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAA GAACTAAACGCCGTCAACACGACGGTTTTTGGACACGGAGCTCTACAGCGTCAGCAGTGAAC TGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGGGGAGCTGTC GGTGTACAGATCTTCCCTTGGAGCAAACCAAGCAGGAGCCTCCCATTGATCAGCTTCCA TTCTGGGTCAATTATCCCAGTAAGTGGTGTCTTGGTGTCTACTGCGGTAGTTCTCTACTGCC TGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGACAGTGGGAAC TGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAACCTCGGGCTGA
SEQ ID NO:118	Round 2 CD28E10-6	ATGGGTACACAAATGGAGTGGGGATCACTACCACCAAGCGCCCATGCCCTCTGGCTCTCTC AGCTCTTGGTGTCTACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAGGATAGTAAAATGGTGTGCGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTAGCATAACTGACATTGGACATCCCGCCCCCTAATGTGAAAAGGAT AAGATGCTCCGCCCTCTGGAGATTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAA GAACTAAACGCCGTCAACACGACGGTTTTTGGACACGGAGCTCTACAGCGTCAGCAGTGAAC TGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGGGGAGCTGTC GGTGTACAGATCTTCCCTTGGAGCAAACCAAGCAGGAGCCTCCCATTGATCAGCTTCCA TTCTGGGTCAATTATCCCAGTAAGTGGTGTCTTGGTGTCTACTGCGGTAGTTCTCTACTGCC TGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGACAGTGGGAAC TGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAACCTCGGGCTGA

		GAATTAAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACTGAGCTCTACATGATTA GCAGTGAACCTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGTCTTGGTGTCTCACTGCGGTAGTTC TCTACTGCCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:119	Round 2 CD28F7-2	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGTCTACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGTGGCCATCCTGCCCGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTTCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAA GAACTAAACGCCGTCAACACGACGGTTGACCAGGATTGGACACGGAGCTCTACAGCGTCA GCAGTGAACCTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGTCTTGGTGTCTCACTGCGGTAGTTC TCTACTGCCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:120	Round 2 CD28F8-4	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGTCTACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGTGGCCATCCTGCCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTTCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAACCTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGTCTTGGTGTCTCACTGCAGTAGTTC TCTACTGCCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:121	Round 2 CD28F10-2	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGTCTACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGTGGCCATCCTGCCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGATTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTAGCATAAATGACATTGGACATCCCGCCCCTAATGTGAAAAGGAT AAGATGCTCCGCCCTCTGGAGATTTTTCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAA GAACTAAACGCCGTCAACACGACGGTTGACCAGGATTGGACACGGAGCTCTACAGCGTCA GCAGTGAACCTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGTCTTGGTGTCTCACTGCGGTAGTTC TCTACTGCCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGAG
SEQ ID NO:122	Round 2 CD28F12- 5*	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGTCTACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGTGGCCATCCTGCCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGATTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTAGCATAAATGACATTGGACATCCCGCCCCTAATGTGAAAAGGAT AAGATGCTCCGCCCTCTGGAGATTTTTCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAA GAACTAAACGCCGTCAACACGACGGTTGACCAGGATTGGACACGGAGCTCTACAGCGTCA GCAGTGAACCTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGTCTTGGTGTCTCACTGCGGTAGTTC TCTACTGCCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGAG

		AAGATGCTCCGCCTCTGGAGATTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGGGAA GAACTAAACGCCGTCAACACGACGGTTGACCAGGATTTGGACACGGAGCTCTACAGCGTCA GCAGTGAAGTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGCGGTGCTTTGGTGTCTACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACTGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTAG
SEQ ID NO:123	Round 2 CD28G2-8	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTAGCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAATGAGCTCTACATGATTA GCACTGAAGTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGTCTTTGGTGTCTACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACTGAAAGGCTGTCCCTATCTACTTAGGCTCCTGCGCAATCCTCGGGCTGA
SEQ ID NO:124	Round 2 CD28G1-5	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAAAACCGCACCTTCCCCGACATCATTAAACACCTCTC CCTTATGATCCTGGCACTGCGCCTGTGCGACAAGGGCACCTACACCTGCTGTTTTCAGAAG AATGAGAACGGGTCTTTTCAGACGGGACACCTGACCTCCGTGACATGTCCATCAGAGCTG ACTTCCCTGTCTCTAGCATAACTGACATTGGACATCCCCGCCCTAATGTGAAAAGGATAAG ATGCTCCGCCTCTGGAGGTTTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAAGAA CTAAACGCCGTCAACACGACGGTTGACCAGGATTTGGACACGGAGCTCTACAGCGTCAGCA GTGAAGTGGATTTCAATGTGACAAATAACCACAGCATGTGTGTCTCATCAAATACGGGGA GCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGATCAG CTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGTCTTTGGTGTCTACTGCGGTAGTTCCT ACTGCCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGACAGT GGGAACTGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:125	Round 2 CD28G1-9	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTAGCATAAATGACATTGGACATCCCCGCCCTAATGTGAAAAGGAT AAGATGCTCCGCCTCTGGAGGTTTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAA GAACTAAACGCCGTCAACACGACGGTTGACCAGGATTTGGACACGGAGCTCTACAGCGTCA GCAGTGAAGTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGTCTTTGGTGTCTACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACTGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:126	Round 2 CD28H4-3	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGATCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTAGCATAAATGACATTGGACATCCCCGCCCTAATGTGAAAAGGAT AAGATGCTCCGCCTCTGGAGGTTTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAA GAACTAAACGCCGTCAACACGACGGTTGACCAGGATTTGGACACGGAGCTCTACAGCGTCA GCAGTGAAGTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGTCTTTGGTGTCTACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACTGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA

		CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTTTCCAAGATCCTGGAAC TGAGCTCTACATGATTA GCAGTGAAC TGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCC TGGCCTGCAGACATGTTGCAAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAC TGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:127	Round 2 CD28H11-3	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAAC TGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGCAGTTC TCTACTGCC TGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAC TGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTAG
SEQ ID NO:128	Round 2 CD28H6-6	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTAAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAAGAATTAAAT GCTACCAACACAACAGTTTTCCAAGATCCTGGAAC TGAGCTCTACATGATTAGCAGTGAAC TGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGGGGAGCTGTC GGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGATCAGCTTCCA TTCTGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTCCTACTGCC TGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGACAGTGGGAAC TGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:129	Round 2 CD28E2-4	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCACTGCGCCTGTGCGACAAGGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTTTCCAAGATCCTGGAAC TGAGCTCTACATGATTA GCAGTGAAC TGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCC TGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAC TGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:130	Round 2 CD28B4-5a	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTTTCCAAGATCCTGGAAC TGAGCTCTACATGATTA GCAGTGAAC TGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCC TGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAC TGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA

		CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAGCTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCTAATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAAC TGAGCTCTACATGATTA GCAGTGAAC TGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCCGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCCTTGGTGTCTCACTGCGGTAGTTC TCTACTGCCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAC TGAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTAG
SEQ ID NO:131	Round 2 CD28A2-5	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGTCTACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTCCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGATTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTAGCATAAAGTACATTTGGACATCCCGCCCCCTAATGTGAAAAGGAT AAGATGCTCCGCCCTCTGGAGGTTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAA GAAC TAAACGCCGTCAACACGACGGTTGACCAGGATTTGGACACGGAGCTCTACAGCGTCA GCAGTGAAC TGGATTTCAACATGACAAGCAATCACAGCTTCTTGTGTCTTGTCAAGTATGG AGACTTAACAGTGTACAGACCTTCTACTGGCAAGAATCCAAACCAACCCCTTCTGCTAAT CAGCACCTGACCTGGACCATTATTATCCCAGTCTCAGCATTGTTGGGATTTCTGTGATCATTG CAGTTATACTAACATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAA TGAAGGGAAATGCAAAGTGTCTCAGTCTCCATAGGTACCAAGCTTAAGTTTAACCGC
SEQ ID NO:132	Round 2 CD28B4-5*	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGTCTACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTCCGACAAAGGGCACCTACACCTGCGTGGTTTCAGAAG CCTGATTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTAGCATAAAGTACATTTGGACATCCCGCCCCCTAATGTGAAAAGGAT AAGATGCTCCGCCCTCTGGAGGTTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAA GAAC TAAACGCCGTCAACACGACGGTTGACCAGGATTTGGACACGGAGCTCTACAGCGTCA GCAGTGAAC TGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCCGTGTACAGATCTTTCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCCTTGGTGTCTCACTGCGGTAGTTC TCTACTGCCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAC TGAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:133	Round 2 CD28D5-6	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGTCTACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTCCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAAC TGGATTTCAACATGACAAGCAATCACAGCTTCTTGTGTCTTGTCAAGTATGG AGACTTAACAGTGTACAGTCTTCTACTGGCAAGAATCCAAACCAACCCCTTCTGCTAAT CAGCACCTGACCTGGACCATTATTATCCCAGTCTCAGCATTGTTGGGATTTCTGTGATCATTG CAGTTATACTAACATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAA TGAAGTGGAAATGCAAAGTTGCTCTCAGTCTCCATGA
SEQ ID NO:134	Round 2 CD28D10-4	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGTCTACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG

		TATTGTGATCCTGGCTCTGCGCCTGTGCGACAAGGGCACCTACACCTGCGTGGTTCAGAAG AATGAGAACGGGTCTTTTCAGACGGGAGCACCTGACCTCCGTGACACTGTCCATCAGAGCTG ACTTCCCTGTCCCTAGCATAACTGACATTGGACATCCCCCCCCTAATGTGAAAAGGATAAG ATGCTCCGCCCTCTGGAGGTTTTCCAGAGCCTCGCCTCGCTGGATGGAAGATGGAGAAGAA CTAAACGCCGTCAACACGACGGTTGACCAGGATTTGGACACGGAGCTCTACAGCGTCAGCA GTGAACCTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGGGGA GCTGTCCGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGATCAG CTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGTCTTGGTGTCTACTGCGGTAGTTCTCT ACTGCCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAAGAACAAGAAGGAATGAAGAGACAGT GGGAAC TGAAAGGCTGTCCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTAG
SEQ ID NO:135	Round 2 CD28E2-5*	ATGGGTACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGTCTACTGGTCTTTTTTACTTCTGTTCAGGCACCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAAATGGTGTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCCGTCGGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAACCTGGATTTCAACATGACAAGCAATCACAGCTTCTTGTGTCTTGTCAAGTATGG AGACTTAACAGTGTACAGACCTTCTACTGGCAAGAATCCAAACCAACCCCTTCTGCTAAT CAGCACCTGACCTGGACCATTATTATCCCAGTCTCAGCATTTGGGATTTCTGTGATCATTG CAGTTATACTAACATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAA TGAAGTGGAAATGCAAAGTTGCTCTCAGTCTCCATGA
SEQ ID NO:136	Round 2 CD28E5-2	ATGGGTACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGTCTACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCEAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAAATGGTGTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGATTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAACCTGGATTTCAATGTGACAAATAACCGCAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCCGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGTCTTGGTGTCTACTGCGGTAGTTT TCTACTGCCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAC TGAAAGGCTGTCCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:137	Round 2 CD28E8-6	ATGGGTACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGTCTACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCEAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAAATGGTGTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTTCCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAACCTGGATTTCAACACGACAAGCAATCACAGCTTCTTGTGTCTTGTCAAGTATGG AGACTTAACAGTGTACAGACCTTCTACTGGCAAGAATCCAAACCAACCCCTTCTGCTAAT CAGCACCTGACCTGGACCATTATTATCCCAGTCTCAGCATTTGGGATTTCTGTGATCATTG CAGTTATACTAACATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAA TGAAGTGGAAATGCAAAGTTGCTCTCAGTCTCCATGA
SEQ ID NO:138	Round 2 CD28E9-6	ATGGGTACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGTCTACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCEAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAAATGGTGTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTTCCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAACCTGGATTTCAACACGACAAGCAATCACAGCTTCTTGTGTCTTGTCAAGTATGG AGACTTAACAGTGTACAGACCTTCTACTGGCAAGAATCCAAACCAACCCCTTCTGCTAAT CAGCACCTGACCTGGACCATTATTATCCCAGTCTCAGCATTTGGGATTTCTGTGATCATTG CAGTTATACTAACATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAA TGAAGTGGAAATGCAAAGTTGCTCTCAGTCTCCATGA

		ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAAC TGGATTTCAACATGACAAGCAATTTGTGTCTTGTCAAGTATGGAGACTTAAC AGTGTACAGACCTTCTACTGGCAAGAATCCAAACCAACCCCTTCTGCTAATCAGCACCTG ACCTGGACCATTATTATCCCAGTCTCAGCATTTGGGATTTCTGTGATCATTGCAGTTATAC TAACATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAATGAAGTGA AATGCAAAGTTGCTCTCAGTCTCCATGA
SEQ ID NO:143	Round 2 CTLA4BP 5x9-d10	ATGAGCCACACACGGAGGCAGGGAACATCACCATCCAAGTGTCCGTACCTCAAGTTCTTTC AGTTCCTTGGTGTGGCTAGTCTTTCTCATTTCTGTTCAGGTGTTATCCACGTGACTAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCTCAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAAGGGGAAGAAAATGGTGTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCGTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGGAGTATGAA AAAGATGCTTTTCAAGCGAGAACACCTGGCTGAAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCCGGAGGTTTTCTTGAGCCTCACCTCTCTCTGGCTGGAAAATGGAGAAGAATTAAT GCCATCAACACAACAGCTTCCCAAGATCCTGGAAGTGTGCTCTATCTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTTCTTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCC ACTGTTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGC ACGCCCTGTATGA
SEQ ID NO:144	Round 2 CTLA4BP 5x6-f6	ATGGGCTACACACGGAGGCAGGGAACATCACCATCCAAGTGTCCGTACCTCAAGTTCTTTC AGCTCTTGGTGTGGCTAGTCTTTCTCATTTCTGTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCCCATCTACTGGCAAAAGGAGAAGAAAATGGTGTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCGTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTTCAAGCGAGAACACCTGGCTGAAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCCGGAGGTTTTCTTGAGCCTCACCTCTCTCTGGCTGGAAAATGGAGAAGAATTAAT GCCATCAACACAACAGTTTCCCAAGATCCTGAAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAATCGCAGTTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTTCTTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGCAAATGGAATTTTTGTGATATGCTGCCTGACCT ACCGCTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGGCTGAGAAGGGAAAGTGT ATGCCCTGTATGAG
SEQ ID NO:145	Round 2 CTLA4BP 5c5-h12	ATGGGCTACACACGGAGGCAGGGAATATCACCATCCAAGTGTCCATACCTCAAGTTCTTTC AGCTCTTGGTGTGGCTAGTCTTTCCCACTTCTGTTCAGGTGTTATCCACGTGACCAAGAA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCGTGGCTCTGCGCCCATCTGACGAGGGCACATACGAATGTGTTGTTCTGAAGTATGAA AAAGATGCTTTTCAAGCGGGAACACCTGGCTGAAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCCAGAGCCTCACCTCTCTCTGGCTGGAAAATGGAGAAGAATTAAT GCCATCAACACAACAGTTTCCCAAGATCCTGGAAGTGTGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCGATCGCAGTTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTTCTTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGGGAGATTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:146	Round 2 CTLA4BP	ATGAGCCACACACAGAGGCAGGGAATATCACCATCCAAGTGTCCATACCTCAATTTCTTTC AGCTCTTGGTGTGGCTAGTCTTTCTCATTTCTGTTCAGGTGTTATCCACGTGACCAAGGA

	5x5-c10	AGTGAAAGAAGTGGCAACACTGTCCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCCTGGCTCTGCGCCCATCTGACGAGGGGCACATACGAGTGTGTTGTTCTGGAGTATGAA AAAGACGCTTTCAAGCGGGAGCACCTAGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCCAGAGCCCCACCTCTTCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAGCACAAACAGTTTCCCAAGATCCTGAAACTGAGCTCTATGCTGTCAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACAACCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGGAGAAGGAATGAGAGATTGAGAAGGGAAAGTGT ACACCTGTATGAG
SEQ ID NO:147	Round 2 CTLA4BP 5x3-e8	ATGGGCCACACACGGAGGCAGGGAACATCACCATCCAAGTGTCCATACCTCAAGTTCTTTC AGCTCTTGGTGCTGGCTGGTCTTTCTCATCTCTGTTTCAAGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCCTGGCTCTGCGCCCATCTGACGAGGGGCACATACGAGTGTGTTGTTCTGGAGTATGAA AAAGACGCTTTCAAGCGGGAACACCTAGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCGACTTCTAATATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCCAGAGCCTCACCTCTTCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGAAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAGCCAATCACAGTTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAGGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ATGCCCTGTATAG
SEQ ID NO:148	Round 2 CTLA4BP 5x3-c4	ATGAGCCACATACGGAGGCAGGGAATATCACCATCCAAGTGTCCATACCTCAATTTCTTTC AGCTCTTGGTGCTGGCTTGTCTTTCTCATTTCTGTTTCAAGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCCTGGCTCTGCGCCCATCCGACGAGGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGGGAACACCTGGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAAGAATAAAT GCCATCAACACAACAGCTTCCCAAGATCCTGAAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAATCGCAGTTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGTTTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:149	Round 2 CTLA4BP 5x3-c3	ATGAGCCACACACGGAGGCAGGGAACATCACCATCCAAGTGTCCGTACCTCAAGTTCTTTC AGCTCTTGGTGCTGGCTAGTCTTTCTCACTTCTGTTTCAAGTGTTATCCACATGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCCCAATGTTTCCGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCCTGGCTCTGCGCCCATCTGACGAGGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGATGCTTTCAAGCGAGAACACCTGGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCAACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCTGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGGAAGTGAAGTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCC ACTGTTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ATGCCCTGTATAG
SEQ ID	Round 2	ATGAGCCACACACGGAGGCAGGGAATATCATCATCCAAGTGTCCATACCTCAAGTTCTTTC

NO:150	CTLA4BP 5x2-h11	AGCTCTTGGTGCTGGCTTGTCTTTCTCATTCTGTTTCAGGTGTTATCCACGTGACCAAGAA AGTGAAAGAAGTGGCAACACTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAAGGGGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTGCAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCCTGGCTCTGCGCCCATCTGACGAGGGGCACATACGAGTGTGCTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGGGAACACCTAGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCAACCTCTAATATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCCAGAGCCTCACCTCTTCTGGTTGGAAAATGGGGAAGAATTAAAT GCCATCAACACAACAGCTTCCCAAGATCCTGAAAACCTGAGCTCTATGCTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAAAGAGCAATGAGAGACTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:151	Round 2 CTLA4BP 5x2-d7	ATGGGCTACACACGGAGGCAGGGAACATCACCATCCGAGTGTCCATACCTCAAGTTCTTTC AGCTCTTGGTGCTGGCTGGTCTTTCTCACTTCTGTTTCAGGTGTTATCCACATGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCTGTGGTCTCAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCCTGGCTCTGCGCCCATCTGACGAGGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGATGCCTTCAAGCGGGAACACCTGGCTGAAGTGATGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCTGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGAAAACCTGGGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGACTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:152	Round 2 CTLA4BP 5x2-b7	ATGAGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCCATACCTCAATTTCTTTC GGCTCTTGGTGCTGGCTAGTCTTTCTCATTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCTGTGGTCAACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCCTGGCTCTGCGCCCATCTGACGAGGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGAGAACACCTAGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCCAGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGGAACCTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAGCCAATCACAGTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGCAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:153	Round 2 CTLA4BP 5x2-b1	ATGAGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCCATACCTCAAGTTCTTTC AGCTCTTGGTGCTGGCTAGTCTTTCTCATTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCAACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGCACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCCTGGCTCTGCGCCCATCTGACGAGGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGGGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCCGGAGGTTTTCTGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGAAAACCTGAGCTCTATACTGGTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGCAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGACCTGAGAAGGGAAAGTGT ACGCCCTGTATGGGGTACCAAGCTTAAGTTTAAACCGCANNATCAGCC

SEQ ID NO:154	Round 2 CTLA4BP 5x1-f1	ATGGGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCCATACCTCAAGTTCTTTTC AGCTCTTGGTGCTGGCTAGTCTTTCTCATTCTGTTCAGGTGTTATCCACGTGACTAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCTCAATGTTTCTGTTGAAGAGCTGGCACA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCAGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCGGCTCTGCGCCCATCTGACGAGGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGGGAACACCTAGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCCGGAGGTTTTCTGAGCCTCACCTCTTCTGGCTGGAAAATGGAGAAGAATTAAAC GCCATCAACACAACAGCTTCCCAAGATCCTGAAACTGAGCTCTATACGTGTTAGCAGCAAAC TGGATTTCAATATGACAGCCAATCACAGTTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTTCTGTATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGGAGAAGGAATGAGACACTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:155	Round 2 CTLA4BP 5x1-d7	ATGGGCTACACACGGAGGCAGGGAACATCACCATCCAAGTGTCCATACCTCAATTTCTTTTC AGCTCTTGGTGCTAGCTAGTCTTTCTCATTCTGTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCAACAATGTTCTGTGTTGAAGAGCTGGCACA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCAGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCGGCTCTGCGCCCATCTGACGAGGGGCACATACGGGTGTGTTGTTCTGGAGTATGAA AAAGACGCTTTCAAGCGAGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCCAGAGCCTCACCTCTTCTGGTTGGAAAATGGGGAAGAATTAAAT GCCATCAACACAACAGCTTCCCAAGATCCTGAAACTGAGCTCTATGCTGTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTTCTGTATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGCAAAATGGAATTTTGTGATATGCTGCCTGACTT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ACACCCTGTATGA
SEQ ID NO:156	Round 2 CTLA4BP 2x4-g9	ATGGGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCCATACCTCAAGTTCTTTTC AGCTCTTGGTGCTGGCTTGTCTTTCTCATTCTGTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAGGTGGCAACGCTGTCTGTGGTCAACAATGTTTCTGTTGAAGAGCTGGCACA ACTCGCATCTACTGGCAAAAGGATAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCAGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCGGCTCTGCGCCCATCTGACGAGGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGATGCTTTCAAGCAGGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCCAGAGCCTCGCCTCGCTGGATGGAAGATGGAGAAGAATAAAT GCCATCAGCACAACAGTTTCCCAAGATCCTGGAAGTGAAGTGTGTTAGTGTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAGGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTTCTGTATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAAGGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGAGGCAGAGAGAGAAAGAGCAATGGGAGACTGAGAAGGGAAAGTGT ACACCCTGTATGA
SEQ ID NO:157	Round 2 CTLA4BP 2x4-a6	ATGGGCCACACACGGAGGCAGGGAACATCACCATCCAAGTGTCCATACCTCAAGTTCTTTTC AGCTCTTGGTGCTGGCTTGTCTTTCTCATTCTGTTCAGGTGTTATCCACGTGACTAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCAACAATGTTTCTGTTGAAGAGCTGGCACA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCAGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCGGCTCTGCGCCCATCTGACGAGGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGATGCTTTCAAGCGGGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCTGAGCCTCACCTCTTCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAGCACAACAGTTTCCCAAGATCCTGAAACTGAGCTCTATGCTGNTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTTCTGTATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCGGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGGTGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT

		ATGCCCTGTATGA
SEQ ID NO:158	Round 2 CTLA4BP 2x2-f3	ATGGGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCCATACCTCAAGTTCTTTC AGCTCTTGGTGCTGGCTTGTCTTTCTCATTCTGTTCAGGTGTTATCTACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGCTGATTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCGGCTCTGCGCCCATCTGACGAGGGGCACATAGGAGTGTGTTGTTCTGAAGTATGAA AAAGATGCTTTCAAGCGGGAACACCTGGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCTGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGGAAGTGAAGTCTATAGTGTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ATGCCCTGTATGA
SEQ ID NO:159	Round 2 CTLA4BP 2x2-f12	ATGGGCCACACACGGAGGCAGGGAACATCACCATCCAAGTGTCCATACCTCAAGTTCTTTC AGCTCTTGGTGCTGGCTGGTCTTTCTCACTTCTGTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCGGCTCTGCGCCCATCTGACGAGGGGCACATACGGGTGTGTTGTTCTGGAGTATGAA AAAGACGCTTTCAAGCGGGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCCAGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGGAAGTGAAGTCTATGCTGTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGCGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:160	Round 2 CTLA4BP 2x1-g8	ATGGGCTACACACGGAGGCAGGGAACATCACCATCCAAGTGTCCATACCTCAATTTCTTTC AGCTCTTGGTGCTGGCTAGTCTTTCTCACTTCTGTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCGTTGT GATTCGGCTCTGCGCCCATCTGACGAGGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGGGAACACCTGGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATACTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCTGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGGAAGTGAAGTCTATAGTGTAGCAGCAAAC TGGATTTCAATATGACAACCAATCGCAGTTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAAGAGCAATGAGAGACTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:161	Round 2 CTLA4BP 2x1-f10	ATGGGCTACACACGGAGGCAGGGAATATCACCATCCAAGTGTCCATACCTCAAGTTCTTTC AGCTCTTGGTGCTGGCTGGTCTTTCTCACTTCTGTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCGGCTCTGCGCCCATCTGACGAGGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGATGCTTTCAAGCGGGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATACTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGGAAGTGAAGTCTATGCTGTAGCAGCAAAC TGGATTTAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTCTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAAGAGCAATGAGAGACTGAGAAGGGAAAGTGT ACGCCCTGTATGA

		ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAAGTGT ATGCCCTGTATGA
SEQ ID NO:162	Round 2 CTLA4BP 2x1-c9	ATGAGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCCATACCTCAAGTTCTTTC AGCTCTTGGTGCTGGCTGGTCTTTCTCACTTCTGTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCACAATGTTTCTGTCTGAAGAGCTGGCACA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGGAGTATGAA AAAGATGCTTTCAAGCGGGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTGAAATTCCAACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAAGAATAAAT GCCATCAGCACAACAGCTTCCCAAGATCCTGAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCTAACACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCCTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCC ACTGTTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAAGTGT ATGCCCTGTATGA
SEQ ID NO:163	Round 2 CTLA4BP 2x1-h12	ATGGGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCCATACCTCAAGTTCTTTC AGCTCTTGGTGCTGGCTGGTCTTTCTCACTTCTGTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCTCAATGTTTCTGTTGAAGAGCTGGCACA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGGGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTGAAATTCCAACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCTTGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGGAAGTGAAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGCAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAAAGAGCAATGAGAGACTGAGAAGGGAAAAGTGT ATGCCCTGTATGA
SEQ ID NO:164	Round 2 CTLA4BP 2x1-e2	ATGGGCTACACACGGAGGCAGGGAATATCACCATCCAAGTGTCCATACCTCAAGTTCTTTC AGCTCTTGGTGCTGGCTTGTCTTTCTCATTTCTGTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCTGTGGTCACAATGTTTCTGATGAAGAGCTGGCACA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGATGCTTTCAAGCGGGAACACCTGGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATACTGACTTTGAAATTCCAACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCTTGAGCCTCACCTCTCCTGGCTGGAAAATGGGGAAGAATAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGGAAGTGAAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTAGGCCATTACCTTAATCTCAGCAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCGAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAAGTAT ACACCCTGTATGA
SEQ ID NO:165	Round 2 CTLA4BP 2x1-c4	ATGGGCTACACACGGAGGCAGGGAATATCACCATCCAAGTGTCCATACCTCAAGTTCTTTC AGCTCTTGGTGCTGGCTGGTCTTTCTCATCTCTGTTCAGGTGTTATCCACGTGACTAAGGA AGTGAAAGAAGTGGCAACGCTGCCCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGATGCTTTCAAGCGGGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTGAAATTCCAACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCCAGAGCCTCACCTCTTCTGGCTGGAAAATGGAGAAGAATAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGGAAGTGAAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTAGGCCATTACCTTAATCTCAGCAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCGAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAAGTAT ACACCCTGTATGA

		AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGGGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:170	Round 2 CTLA4BP 5x2-f3	ATGAGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCCATACCTCAAGTTCTTTC AGCTCTTGGTGCTGGCTAGTCTTTCTCACTTCTGTTTCAAGTGTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGCCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAGGTATGAA AAAGATGCTTTCAAGCGGGAACACCTGGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCAACCTCTAATATTAGAAGGATAATTTGCTC AACCTCCGGAGGTTTTCTGAGCCTCACCTCTCCTGGCTGGAAAATGGGGAAGAATTAAAT GCCATCAACACAACAGCTTCCCAAGATCCTGAAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAATCGCAGTTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGCAAAATGGAATTTTTGTGATATGCTGCCTGACCC ACTGCTTCGCCCCAAGATGCAGAGAGAGAAGAGCAATGAGAGACTGAGAAGGGAAAGTGT ACGCCCTGTATAG
SEQ ID NO:171	Round 2 CTLA4BP 5x2-e12	ATGAGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCCGTACCTCAAGTTCTTTC AGCTCTTGGTGCTGGCTGGTCTTTCTCATTTCTGTTTCAAGTGTATCCACGTGACTAAGGA AGTGAAAGAAGTGGCAACACTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGGCATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGGGAACACCTAGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCAACCTCTAATATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCCAGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAGCACAACAGTTTTCCCAAGATCCTGGAACCTGAGCTCTATGCTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAATCGCAGTTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACAACCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCCTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ACGCCCTGTATAG
SEQ ID NO:172	Round 2 CTLA4BP 2x4-h11	ATGGGCTACACACGGAGGCAGGGAACATCACCATCCAAGTGTCCATACCTCAAGTTCTTTC AGCTCTTGGTGCTGGCTTGTCTTTCTCATTTCTGTTTCAAGTGTATCCACGTGACTAAGGA AGTGAAAGAAGTGGCAACACTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAGGTATGAA AAAGACGCTTTCAAGCGGGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCTGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTTCCCAAGATCCTGGAACCTGAGCTCTATGCTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCCTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGGCCT ACTGCTTTGCCCCAAGATGCAGAGGGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:173	Round 2 CTLA4BP 2x3-h2	ATGGGCCACACACGGAGGCAGGGAACATCACCATCCAAGTGTCCGTACCTCAATTTCTTTC AGCTCTTGGTGCTGGCTTGTCTTTCTCACTTCTGTTTCAAGTGTATCCACGTGACTAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGATGCTTTCAAGCGAGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCTGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTTCCCAAGATCCTGGAACCTGAGCTCTATGCTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCCTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGGCCT ACTGCTTTGCCCCAAGATGCAGAGGGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ACGCCCTGTATGA

		ELNAVNTTVDQDLDTELYSVSSELDFNATNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFVWIIIPVSGALVLTAVVLYCLACRHVAR
SEQ ID NO:185	Round 2 CD28B8-5*	MGHTMKWGSLLPPKRCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYSTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIOK PVLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTLSQDPGTLEYMISSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFVWIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:186	Round 2 CD28C11-5	MGHTMKWGSLLPPKRCLWPSQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIOK PVLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTTSQDPGTLEYMISSELDFNVTNNHSIACLIKYGELSVSQIFPWSKPKQEPPID QLPFVWIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:187	Round 2 CD28C6-1	MGHTMKWGSLLPPKRCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYSTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIOK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTTSQDPGTLEYMISSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFVWIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:188	Round 2 CD28C7-3	MGHTMKWGSLLPPKRCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYSTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIOK PDLKGAYKLEHLTSVRLMIRADFPVPSITDIGHAPNVKRI RCSASGDFPEPRLAWMEDGE ELNAVNTTVDQDLDTELYSVSSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFVWIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:189	Round 2 CD28C8-6	MGHTMKWGSLLPPKRCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIOK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTTSQDPGTLEYMISSELGFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFVWIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:190	Round 2 CD28C9-5*	MGHTMKWGSLLPPKRCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYSTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIOK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTTSQDPGTLEYMISSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFVWIIIPVSGALVLTAVVLYCLACRHVARXKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:191	Round 2 CD28C2-4	MGHTLRPGTPLPRCLHLKLCLLLALAGLHFSSGISQVTKSVKEMAALSCDYNISIDELARM RIYWQKDQOMVLSIIISQVEVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIOK PVL KGAYKPEHLASVRLMIRADFPVPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGEELN ATNTTLSQDPETKLYMISSELDFNMTSNHSFLCLVKYGDLTVSQTIFYWQESKPTPSANQHL TWTIIIPVSAFGISVIIAIVILTCLTCRNAAIRRORRENEVEMQSCSQSP
SEQ ID NO:192	Round 2 CD28D2-3	MGHTMKWGSLLPPKRCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVIQALRLSDSGTYTCVIOK PVLKGAYKLEHLASVRLMIRADFPVPTDGLGNPSNIRRLICSTSGGFPRPHLYWLENGEEL NATNTTTSQDPGTLEYMISSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPIDQL PFVWIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:193	Round 2 CD28D2-9	MGHTMKWGSLLPPKRCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIOK PVLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTLSQDPETLEYMISSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFVWIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:194	Round 2 CD28D8-9	MGHTMKWGSLLPPKRCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYSTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIOK PVLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTTSQDPGTLEYMISSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFVWIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:195	Round 2 CD28D11-1	MGHTMKWGSLLPPKRCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVVQK NENGFRREHLTSVTL SIRADFPVPSITDIGHAPNVKRI RCSASGDFPEPRLAWMEDGEE LNAVNTTVDQDLDTELYSVSSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPIDQ LPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:196	Round 2 CD28D12-5	MGHTMKWGSLLPPKRCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYSTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIOK

		PVLKGAYKLEHLASVRLMIRADFPVPSITDIGHAPPNVKRIRCSASGDFPEPRLAWMEDGE ELNAVNTTVLDTELYSVSSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPIDQLP FWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:197	Round 2 CD28E10-6	MGHTMEWGSLLPPKRPCWLWSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTSLQDPETELYMISSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:198	Round 2 CD28F7-2	MGHTMKWGSLLPPKRPCWLWSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPEPRLAWMEDGE ELNAVNTTVDQDLDELYSVSSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:199	Round 2 CD28F8-4	MGHTMKWGSLLPPKRPCWLWSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTSLQDPETKLYMISSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:200	Round 2 CD28F10-2	MGHTMKWGSLLPPKRPCWLWSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PDLKGAYKLEHLTSVRLMIRADFPVPSITDIGHAPPNVKRIRCSASGDFPEPRLAWMEDGE ELNAVNTTVDQDLDELYSVSSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:201	Round 2 CD28F12-5*	MGHTMKWGSLLPPKRPCWLWSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PDLKGAYKLEHLASVRLMIRADFPVPSITDIGHAPPNVKRIRCSASGDFPEPRLAWMEDGE ELNAVNTTVDQDLDELYSVSSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:202	Round 2 CD28G2-8	MGHTMKWGSLLPPKRPCWLWSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLASVRLMIRADFPVPSINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTVSODPGTELYMISSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:203	Round 2 CD28G1-5	MGHTMKWGSLLPPKRPCWLWSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTFPDIINNLSLMILALRLSDKGYTCVQK NENGSRFRHLSVTLSIRADFPVSSITDIGHAPPNVKRIRCSASGGFPEPRLAWMEDGEE LNAVNTTVDQDLDELYSVSSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPIDQ LPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:204	Round 2 CD28G1-9	MGHTMKWGSLLPPKRPCWLWSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLTSVRLMIRADFPVPSITDIGHAPPNVKRIRCSASGGFPEPRLAWMEDGE ELNAVNTTVDQDLDELYSVSSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:205	Round 2 CD28H4-3	MGHTMKWGSLLPPKRPCWLWSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTVSODPGTELYMISSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:206	Round 2 CD28H11-3	MGHTMKWGSLLPPKRPCWLWSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTSLQDPETKLYMISSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVIIIPVSGALVLTAAVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:207	Round 2 CD28H6-6	MGHTMKWGSLLPPKRPCWLWSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSPNIRRLICSGFPRPHLYWLENGEELN ATNTTVSODPGTELYMISSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPIDQLP FWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID	Round 2	MGHTMKWGSLLPPKRPCWLWSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL

NO:208	CD28E2-4	TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDKGYTCVIOK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTTSQDPGTLEYMISSELDNFVNTNHSIVCLIKYGELSVSQIFPWSKPKQEPPIID QLPFVWIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:209	Round 2 CD28B4-5a	MGHTMKWGSLLPPKRPCWLWSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIOK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTTSQDPGTLEYMISSELDNFVNTNHSIVCLIKYGELSVSQIFPWSKPKQEPPIID QLPFVWIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:210	Round 2 CD28A2-5	MGHTMKWGSLLPPKRPCWLWSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIOK PDLKGAYKLEHLASVRLMIRADFPVPSITDIGHAPPNVKRIRCSASGGFPEPRLAWMEDGE ELNAVNTTVDQDLDTLEYSVSSELDFNMTSNHSFLCLVKYGDLTVSQTFYWQESKPTPSAN QHLTWTIIIPVSAGFISVIIAVILTCLTCRNAAIRRQRRENEGKCKVLSVSIGTKLKFN
SEQ ID NO:211	Round 2 CD28B4-5*	MGHTMKWGSLLPPKRPCWLWSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDKGYTCVVQK PDLKGAYKLEHLASVRLMIRADFPVPSITDIGHAPPNVKRIRCSASGGFPEPRLAWMEDGE ELNAVNTTVDQDLDTLEYSVSSELDFNMTSNHSIVCLIKYGELSVSQIFPWSKPKQEPPIID QLPFVWIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:212	Round 2 CD28D5-6	MGHTMKWGSLLPPKRPCWLWSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIOK PVLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTTSQDPETKLYMISSELDNFMTSNHSFLCLVKYGDLTVSQSFYWQESKPTPSAN QHLTWTIIIPVSAGFISVIIAVILTCLTCRNAAIRRQRRENEVEMQSCSQSP
SEQ ID NO:213	Round 2 CD28D10-4	MGHTMKWGSLLPPKRPCWLWSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDKGYTCVVQK NENGFSFRREHLTSVTLIRADFPVPSITDIGHAPPNVKRIRCSASGGFPEPRLAWMEDGEE LNAVNTTVDQDLDTLEYSVSSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPIIDQ LPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:214	Round 2 CD28E2-5*	MGHTMKWGSLLPPKRPCWLWSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIOK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTTSQDPETKLYMISSELDNFMTSNHSFLCLVKYGDLTVSQTFYWQESKPTPSAN QHLTWTIIIPVSAGFISVIIAVILTCLTCRNAAIRRQRRENEVEMQSCSQSP
SEQ ID NO:215	Round 2 CD28E5-2	MGHTMKWGSLLPPKRPCWLWSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIOK PDLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTTSQDPETKLYMISSELDNFVNTNHSIVCLIKYGELSVSQIFPWSKPKQEPPIID QLPFVWIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:216	Round 2 CD28E8-6	MGHTMKWGSLLPPKRPCWLWSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIOK PVLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTTSQDPETKLYMISSELDNFNTSNHSFLCLVKYGDLTVSQTFYWQESKPTPSAN QHLTWTIIIPVSAGFISVIIAVILTCLTCRNAAIRRQRRENEVEMQSCSQSP
SEQ ID NO:217	Round 2 CD28E9-6	MGHTMKWGSLLPPKRPCWLWSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDKGYTCVIOK PDLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTTSQDPGTLEYMISSELDNFVNTNHSIVCLIKYGELSVSQIFPWSKPKQEPPIID QLPFVWIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:218	Round 2 CD28F3-1	MGHTMKWGSLLPPKRPCWLWSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIOK PDLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGK ELNATNTTTSQDPETKLYMISSELDNFMTSNHSFLCLVKYGDLTVSQTFYWQESKPTPSAN QHLTWTIIIPVSAGFISVIIAVILTCLTCRNAAIRRQRRENEVEMQSCSQSP
SEQ ID NO:219	Round 2 CD28F3-5	MGHTMKWGSLLPPKRPCWLWSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVVQK NENGFSFRREHLTSVTLIRADFPVPSITDIGHAPPNVKRIRCSASGGFPEPRLAWMEDGEE LNAVNTTVDQDLDTLEYSVSSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPIIDQ LPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG

SEQ ID NO:220	Round 2 CD28F3-6	MGHTMKWGS LPPKRPCLRLS QLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYSTSTEEL TSLRIYWQKDSKMLVAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIOK PDLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTLSQDPETKLYMISSELDNFVNTNHSIVCLIKYGELSVSQIFPWSKPKQEPPIID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:221	Round 2 CD28F11-8	MGHTMKWGS LPPKRPCLWLS QLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYNTSTEEL TSLRIYWQKDSKMLVAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIOK PVLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTLSQDPETKLYMISSELDNFMTSNLCLVKYGDLTVSQTFYWQESKPTPSANQHL TWTIIIPVSAFGISVIIAVILTCLTCRNAAIRRQRRENEVEMQSCSQSP
SEQ ID NO:222	Round 2 CTLA4 5x9-d10	MSHTRRQGTSPSKCPYLKFFQQLVLASLSHFCSGVIHVTKEVKEVATLSCGLNVSVEELAQ TRIWQKGKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLEYE KDAFKREHLAEVMSVKADFTPSPISDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTASQDPGTETYTVSSKLDNFMTTNHSFMCLIKYGHLRVNQTFNWNTPKQEHFPDNL PSWAITLISVNGIFVICCLTHCFAPRCRERRRNERLRRESARPV
SEQ ID NO:223	Round 2 CTLA4 5x6-f6	MGYTRRQGTSPSKCPYLKFFQQLVLASLSHFCSGVIHVTKEVKEVATLSCGHNVSVEELAQ TPIYWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVMSVKADFTPSPISDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AINTTVSQDPETELYTVSSKLDNFMTTNHSFVCLIKYGHLRVNQTFNWNTPKQEHFPDNL PSWAITLISANGIFVICCLTYRFAPRCRERRRNERLRRESVCPV
SEQ ID NO:224	Round 2 CTLA4 5x5-h12	MGYTRRQGISPSKCPYLKFFQQLVLASLSHFCSGVIHVTKEVKEVATLSCGHNVSVEELAQ TRIHQWKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVMSVKADFTPSPISDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPGTETYTVSSKLDNFMTTDRSFVCLIKYGHLRVNQTFNWNTPKQEHFPDNL PSWAITLISVNGIFVICCLTYCFAPRCRERRRNGRLRRESVRPV
SEQ ID NO:225	Round 2 CTLA4 5x5-c10	MSHTQRQGISPSKCPYLNFFQQLVLASLSHFCSGVIHVTKEVKEVATLSCGHNVSVEELAQ TRIWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLEYE KDAFKREHLAEVTLVKADFTPSPISDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AISTTVSQDPETELYAVSSKLDNFMTTNHSFMCLIKYGHLRVNQTFNWNTTKQEHFPDNL PSWAITLISVNGIFVICCLTYCFAPRCRERRRNERLRRESVHPV
SEQ ID NO:226	Round 2 CTLA4 5x3-e8	MGHTRRQGTSPSKCPYLKFFQQLVLASLSHFCSGVIHVTKEVKEVATLSCGHNVSVEELAQ TRIWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLEYE KDAFKREHLAEVTLVKADFTPSPISDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AINTTVSQDPETELYTVSSKLDNFMTANHSFVCLIKYGHLRVNQTFNWNTPKQEHFPDNL PSWAITLISVNGIFVICCLTYCFAPGCRERRRNERLRRESVCPV
SEQ ID NO:227	Round 2 CTLA4 5x3-c4	MSHIRRQGISPSKCPYLNFFQQLVLACLASHFCSGVIHVTKEVKEVATLSCGHNVSVEELAQ TRIWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVTLVKADFTPSPISDFEIPPSNIRRIICSTSGGFPEPRLAWMEDGEELN AINTTASQDPETELYTVSSKLDNFMTTNHSFMCLIKYGHLRVNQTFNWNTPKQEHFPDNL PSWAITLISVNGIFVICCLTYCFAPRCRERRRNERLRRESVRPV
SEQ ID NO:228	Round 2 CTLA4 5c3-c3	MSHTRRQGTSPSKCPYLKFFQQLVLASLSHFCSGVIHMTKEVKEVATLSCGPNVSVEELAQ TRIWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVTLVKADFTPSPISDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPGTETYTVSSKLDNFMTTNHSFMCLIKYGHLRVNQTFNWNTPKQEHFPDNL PSWAITLISVNGIFVICCLTHCFAPRCRERRRNERLRRESVCPV
SEQ ID NO:229	Round 2 CTLA4 5x2-h11	MSHTRRQGISSSKCPYLKFFQQLVLACLASHFCSGVIHVTKEVKEVATLSCGHNVSVEELAQ TRIWQKGKKMVLTMMSGDMNIWPECKNRTIFDITNNLSIVILALRPSDEGTYECAVLKYE KDAFKREHLAEVTLVKADFTPSPISDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AINTTASQDPETELYAVSSKLDNFMTTNHSFMCLIKYGHLRVNQTFNWNTPKQEHFPDNL PSWAITLISVNGIFVICCLTYCFAPRCRERKSNERNLRRESVRPV
SEQ ID NO:230	Round 2 CTLA4 5x2-d7	MGYTRRQGTSPSECPYLKFFQQLVLASLSHFCSGVIHMTKEVKEVATLSCGLNVSVEELAQ TRIHQWKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVMSVKADFTPSPISDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPETGLYTVSSKLDNFMTTNHSFMCLIKYGHLRVNQTFNWNTPKQEHFPDNL PSWAITLISVNGIFVICCLTYCFAPRCRERRRNERLRRESVRPV
SEQ ID NO:231	Round 2 CTLA4 5x2-b7	MSHTRRQGISPSKCPYLNFFRLVLASLSHFCSGVIHVTKEVKEVATLSCGHNVSVEELAQ TRIHQWKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVTLVKADFTPSPITDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPGTETYTVSSKLDNFMTANHSFVCLIKYGHLRVNQTFNWNTPKQEHFPDNL

		PSWAITLISANGIFVICCLTYCFAPRCRERRRNERLRRESVRPV
SEQ ID NO:232	Round 2 CTLA4 5x2-b1	MSHTRRQGISPSKCPYLKFFQLLVLASLSHFCSGVIHVTKEVKEVATLSCGHNVSVEELAQ TRIWQKEKKMVLTMMSGDMNIWPEHKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVMSVKADFPTPSISDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPETELYTGSSKLDNFMTTNHSFMCLIKYGHLRVNQTFWNWTPKQEHFPDNL PSWAITLISANGIFVICCLTYCFAPRCRERRRNETLRRESVRPVWGTLKFKPXIS
SEQ ID NO:233	Round 2 CTLA4 5x1-f1	MGHTRRQGISPSKCPYLKFFQLLVLASLSHFCSGVIHVTKEVKEVATLSCGLNVSVEELAQ TRIWQKEKKMVLTMMSGDMNIWPEHKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVTLVKADFPTPSITDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AINTTASQDPETELYTVSSKLDNFMTTANHSFVCLIKYGHLRVNQTFNWNTPKQEHFPDNL PSWAITLISVNGIFVICCLTYCFAPRCRERRRNETLRRESVRPV
SEQ ID NO:234	Round 2 CTLA4 5x1-d7	MGYTRRQGTSPSKCPYLNFFQLLVLASLSHFCSGVIHVTKEVKEVATLSCGHNVPVEELAQ TRIWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYGCVVLEYE KDAFKREHLAEVMSVKADFPTPSITDLEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AINTTASQDPETELYAVSSKLDNFMTTNHSFMCLIKYGHLRVNQTFNWNTPKQEHFPDNL PSWAITLISANGIFVICCLTYCFAPRCRERRRNERLRRESVHPV
SEQ ID NO:235	Round 2 CTLA4 2x4-g9	MGHTRRQGISPSKCPYLKFFQLLVLAACLSHFCSGVIHVTKEVKEVATLSCGHNVSVEELAQ TRIWQKDKKMVLTMMSGDMNIWPEYKNQTFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKQEHLEAVMSVKADFPTPSISDFEIPPSNIRRIICSTSGGFPEPRLAWMEDGEELN AISTTVSQDPGTCTVSSKLDNFMTTNHSFMCLIRYGHLRVNQTFNWNTPKQEHFPDNL PSWAITLISVKGIFVICCLTYCFAPRGRERKSNGRLRRESVHPV
SEQ ID NO:236	Round 2 CTLA4 2x4-a6	MGHTRRQGTSPSKCPYLKFFQLLVLAGLSHFCSGVIHVTKEVKEVATLSCGHNVSVEELAQ TRIHQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVMSVKADFPTPSISDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AISTTVSQDPETELYAXSSKLDNFMTTNHSFMCLIKYGHLRVNQTFNWNTPKQEHFPDNL PSWAITLISVNGIFVICPTYCFAPRCRERRRNERLRRESVCPV
SEQ ID NO:237	Round 2 CTLA4 2x2-f3	MGHTRRQGISPSKCPYLKFFQLLVLAACLSHFCSGVIYVTKEVKEVATLSCGHNVSVEELAQ TRIWQKEKKMVLIMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTECVVLKYE DAFKREHLAEVTLVKADFPTPSISDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELNA INTTVSQDPGTCTVSSKLDNFMTTNHSFMCLIKYGHLRVNQTFNWNTPKQEHFPDNL PSWAITLISVNGIFVICCLTYCFAPRCRERRRNERLRRESVCPV
SEQ ID NO:238	Round 2 CTLA4 2x2-f12	MGHTRRQGTSPSKCPYLKFFQLLVLAGLSHFCSGVIHVTKEVKEVATLSCGHNVSVEELAQ TRIHQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYGCVVLEYE KDAFKREHLAEVMSVKADFPTPSISDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPETELYAVSSKLDNFMTTNHSFMCLIKYGHLRVNQTFNWNTPKQEHFPDNL PSWAITLISVNGIFVICCLTYCFAPRCRERRRNERLRRESVRPV
SEQ ID NO:239	Round 2 CTLA4 2x1-g8	MGYTRRQGTSPSKCPYLNFFQLLVLASLSHFCSGVIHVTKEVKEVATLSCGHNVSVEELAQ TRIHQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSVILALRPSDEGTYECVVLKYE KDAFKREHLAEVTLVKADFPTPSITDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPGTCTVSSKLDNFMTTNHSFMCLIKYGHLRVNQTFNWNTPKQEHFPDNL PSWAITLISVNGIFVICCLTYCFAPRCRERKSNERLRRESVRPV
SEQ ID NO:240	Round 2 CTLA4 2x1-f10	MGYTRRQGISPSKCPYLKFFQLLVLAGLSHFCSGVIHVTKEVKEVATLSCGHNVSVEELAQ TRIHQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVMSVKADFPTPSITDFEIPPSNIRRIICSTSGGFPEPRLAWMEDGEELN AINTTVSQDPGTCTVSSKLDNFMTTNHSFMCLIKYGHLRVNQTFNWNTPKQEHFPDNL PSWAITLISVNGISVICCLTYCFAPRCRERRRNERLRRESVCPV
SEQ ID NO:241	Round 2 CTLA4 2x1-c9	MSHTRRQGISPSKCPYLKFFQLLVLAGLSHFCSGVIHVTKEVKEVATLSCGHNVSAAELAQ TRIWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLEYE KDAFKREHLAEVMSVKADFPTPSITDFEIPPSNIRRIICSTSGGFPEPRLAWMEDGEELN AISTTASQDPETELYTVSSKLDNFMTTNHSFMCLIKYGHLRVNQTFNWNTPKQEHFPDNL PSWAITLISVNGIFVICCLTHCFAPRCRERRRNERLRRESVCPV
SEQ ID NO:242	Round 2 CTLA4 2x1-h12	MGHTRRQGISPSKCPYLKFFQLLVLAGLSHFCSGVIHVTKEVKEVATLSCGLNVSVEELAQ TRIHQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVMSVKADFPTPSITDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPGTCTVSSKLDNFMTTNHSFMCLIKYGHLRVNQTFNWNTPKQEHFPDNL PSWAITLISANGIFVICCLTYCFAPRCRERKSNERLRRESVCPV
SEQ ID NO:243	Round 2 CTLA4 2x1-e2	MGYTRRQGISPSKCPYLKFFQLLVLAACLSHFCSGVIHVTKEVKEVATLSCGHNVSDEELAQ TRIHQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVTLVKADFPTPSISDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN

		AINTTVSQDPGTETYVSSKLDNFMTTNHSFMCLIKYGHRLVNQTFNWNTPKQEHFPDNL PSAITLISANGIFVICCLTYCFAPRCRERRRNERLRRESIHPV
SEQ ID NO: 244	Round 2 CTLA4 2x1-c4	MGYTRRQGISPSKCPYLKFFQLLVLAGLSHLCSGVIHVTKEVKEVATLPCGHNVSVEELAQ TRIHWOKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVMLSVKADFPTPSISDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AINTTVSQDPGTETYAVSSKLDNFMTTNHFMCLIKYGHRLVNQTFNWNTPKQEHFPDNL PSWAITLISVNGIFVICCLTYCFAPRCRERRRNERLRRESVRPV
SEQ ID NO: 245	Round 2 CTLA4 2x1-b12	MGHTRRQGISPSKCPYLKFFQLLVLAGLSHLCSGVIHMTKEVKEVATLSCGHNVSVEELAQ TRIWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVALKYE KDAFKQEHLEAVTSLVKADFPTPSISDFEIPPSNIRRIICSTSGGFPEPRLAWMEDGEELN AINTTVSQDPETELYTVSSKLDNFMTTANHSFMCLIKYGHRLVNQTFNWNTPKQEHFPDNL PSWAITLISVNGIFVICCLTYCFAPRCRERRRNERLRRESVCPV
SEQ ID NO: 246	Round 2 CTLA4 2x2-f1	MGHTRRQGISPSKCPYLKFFQLLGLACLSHFCSGVIHVTKEVKEVATLSCGHNVSVEELAQ TRIHWOKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVTLVKADFPTPSISDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AINTTASQDPETELYTVSSKLDNFMTTNRSFVCLIKYGHRLVNQTFNWNTPKQEHFPDNL PSWAITLISVNGIFVICCLTYCFAPRCRERRRNERLRRESVRPV
SEQ ID NO: 247	Round 2 CTLA4 5x4-h1	MSHTRRQGISPSKCPYLKFFQLLVLAACLSHFCSGVIHVTKEVKEVATLSCGHNVSVEELAQ TRIHWOKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKRKHLEAVTSLVKADFPTPSISDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AINTTASQDPETELYTVSSKLDNFMTTNRSFVCLIKYGHRLVNQTFNWNTPKQEHFPNNLL PSWAITLISVNGIFVICCLTYCFAPRCRERRRNETLRRESVHPV
SEQ ID NO: 248	Round 2 CTLA4 5x4-a1	MGHTRRQGTSPSKCPYLKFFQLLVLAGLSHLCSGVIHVTKEVKEVATLSCGHNVSVEELAQ TRIWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVTLVKADFPTPSISDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPGTETYTVSSKLDNFMTTNRSFVCLIKYGHRLVNQTFNWNTPKQEHFPDNL PSWAITLISVNGIFVICCLTYCFAPRCRERRRNERLRRESVRPV
SEQ ID NO: 249	Round 2 CTLA4 5x2-f3	MSHTRRQGISPSKCPYLKFFQLLVLAASLHFCGVIHVTKEVKEVATLSCGHNVSVEELAQ TRIWQKEKKMVLTMMPGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLRYE KDAFKREHLAEVTLVKADFPTPSISDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTASQDPETELYTVSSKLDNFMTTNRSFVCLIKYGHRLVNQTFNWNTPKQEHFPDNL PSWAITLISANGIFVICCLTHCFAPRCRERKSNERLRRESVRPV
SEQ ID NO: 250	Round 2 CTLA4 5x2-e12	MSHTRRQGISPSKCPYLKFFQLLVLAGLSHLCSGVIHVTKEVKEVATLSCGHNVSVEELAQ TRIHWOKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVTLVKADFPTPSISDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AISTTVSQDPGTETYAVSSKLDNFMTTNRSFVCLIKYGHRLVNQTFNWNTTKQEHFPDNL PSWAITLISVNGIFVICCLTYCFAPRCRERRRNERLRRESVRPV
SEQ ID NO: 251	Round 2 CTLA4 2x4-h11	MGYTRRQGTSPSKCPYLKFFQLLVLAACLSHFCSGVIHVTKEVKEVATLSCGHNVSVEELAQ TRIWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLEYE KDAFKREHLAEVMLSVKADFPTPSISDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPGTETYAVSSKLDNFMTTNHSFMCLIKYGHRLVNQTFNWNTPKQEHFPDNL PSWAITLISVNGIFVICCLAYCFAPRCRGRRRNERLRRESVRPV
SEQ ID NO: 252	Round 2 CTLA4 2x3-h2	MGHTRRQGTSPSKCPYLNFFQLLVLAACLSHFCSGVIHVTKEVKEVATLSCGHNVSVEELAQ TRIWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVMLSVKADFPTPSISDFEIPPSNIRRIICSTPGGFPEPRLAWMEDGEELN AISTTVSQDPGTETYAVSSKLDNFMTTNHSFMCLIKYGHRLVNQTFNWNTTKQEHFPDNL PSWAITLISVKGIFVICCLTYCFAPRWRRERKSNERLRRESVRPV
SEQ ID NO: 253	Round 2 CTLA4 A-H3-6	ATGGGCCACACGCTGAGGCCGGGAACCTCCACTGCCAGGTGTCTACACCTCAAGCTCTGCC TGCTCTTGCGCTGGCGGGTCTCCACTTCTCTCAGGTATCAGCCAGGTCACCAAGTCGGT GAAAGAAATGGCAGCACTGTCTGTGATTACAAACATTTCTATCATGAACCTGGCAGAAATG CGCATATACTGGCAGAAAGGACCAACAGATGGTGTCTGAGCATCATCTCTGGGCAAGTGGAAG TGTGGCCTGAGTACAAAAACCGCACCTTCCCCGACATCATTAACAACCTCTCCCTTATGAT CCTGGCACTGCGCCTGTCGGACAAGGGCACCTACACCTGCGTGGTTCAGAAGAATGAGAAC GGGTCTTTCAGACGGGAGCACCTGACCTCCGTGACACTGTCCATCAGAGCTGACTTCCCTG TCCCTAGCATAAATGATCTTGGAATCCATCTCCTAATATCAGAAGGCTAATTTGCTCAAC CTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAAGAATTAATGCT ACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTAGCAGTGAACCTGG ATTTCAACATGACAAGCAATCACAGCTTCTTGTGTCTTGTCAAGTATGGAGACTTAACAGT GTCACAGACCTTCTACTGGCAAGAAATCCAAACCAACCCCTTCTGCTAATCAGCACCTGACC

		TGGACCATTATTATCCCAGTCTCAGCATTTGGGATTTCTGTGATCATTGCAGTTATACTAA CATGCCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAATGAAGTGGAAT GCAAAGTTGCTCTCAGTCTCCATGAG
SEQ ID NO:254	Round 2 CTLA4 A-B11-5	ATGGGTCACACAATGGAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGATTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAAC TGGATTTCAACATGACAAGCAATCACAGCTTCTTGTGTCTTGTCAAGTATGG AGACTTAACAGTGTACAGACCTTCTACTGGCAAGAATCCAAACCAACCCCTTCTGCTAAT CAGCACCTGACCTGGACCATTATTATCCCAGTCTCAGCATTTGGGATTTCTGTGATCATTG CAGTTATACTAACATGCCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAA TGAAGTGGAAATGCAAAGTTGCTCTCAGTCTCCATAG
SEQ ID NO:255	Round 2 CTLA4 A-E2-6	ATGGGCCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGCGTGGTTTCAGAAG AATGAGAACGGGTCTTTCAGACGGGAGCACCTGACCTCCGTGAGGTTAATGATCAGAGCTG ACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCTAAT TTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAAGAA TTAAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTAGCA GTGAAC TGGATTTCAACATGACAAGCAATCACAGCTTCTTGTGTCTTGTCAAGTATGGAGA CTTAACAGTGTACAGACCTTCTACTGGCAAGAATCCAAACCAACCCCTTCTGCTAATCAG CACCTGACCTGGACCATTATTATCCCAGTCTCAGCATTTGGGATTTCTGTGATCATTGCAG TTATACTAACATGCCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAATGA AGTGGAAATGCAAAGTTGCTCTCAGTCTCCATGAG
SEQ ID NO:256	Round 2 CTLA4 A-F1-6	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAAGGGCACCTACACCTGCGTGGTTTCAGAAG AATGAGAACGGGTCTTTCAGACGGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAGCTG ACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCTAAT TTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAAGAA TTAAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTAGCA GTGAAC TGGATTTCAACATGACAAGCAATCACAGCTTCTTGTGTCTTGTCAAGTATGGAGA CTTAACAGTGTGCGAGACCTTCTACTGGCAAGAATCCAAACCAACCCCTTCTGCTAATCAG CACCTGACCTGGACCATTATTATCCCAGTCTCAGCATTTGGGATTTCTGTGATCATTGCAG TTATACTAACATGCCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAATGA AGTGGAGATGCAAAGTTGCTCTCAGTCTCCATAG
SEQ ID NO:257	Round 2 CTLA4 A-F6-9	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGATTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAAC TGGATTTCAACATGACAAGCAATCACAGCTTCTTGTGTCTTGTCAAGTATGG

		AGACTTAAACAGTGTACAGACCTTCTACTGGCAAGAAATCCAAACCAACCCCTTCTGCTAAATCAGCACCTGACCTGGACCATTATTATCCAGTCTCAGCATTTGGGATTTCTGTGATCATTGCAGTTATACTAACATGCCGTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAAATGAAGTGGAATGCAAAGTTGCTCTCAGTCTCCATGA
SEQ ID NO:258	Round 2 CTLA4 A-H4-5*	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTCAGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGACCAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTGACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGTCTGGCCATCCTGCCTGGAAAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCGTATTGTGATCCTGGCTCTGCGCCTGTGCGACAAGGGCACCTACACCTGCGTGGTTTCAGAAGAATGAGAACGGGTCTTTCAGACGGGAGCACCTGACCTCCGTGACACTGTCCATCAGAGCTGACTTCCCTGTCCCTAGCATAACTGACATTGGACATCCCGCCCCCTAATGTGAAAAGGATAAGATGCTCCGCCCTCTGGAGGTTTTCCAGAGCCTCGCCTCTACTGGTTGGAAAATGGAGAAGAAATTAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAACCTGAGCTCTACATGATTAGCAGTGAACCTGGATTTCATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGGGGAAGCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAAACCAAGCAGGAGCCTCCCATGTATCAGCTTCCATTGGGTCAATTATCCCAGTAAGTGGTGTCTTGGTGTCTACTGCGGTAGTTCTCTACTGCCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGACAGTGGGAACCTGAAAGGCTGTCCCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGAG
SEQ ID NO:259	Round 2 CTLA4 A-B4-6	ATGGATCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTCAGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGACCAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTGACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGTCTGGCCATCCTGCCTGGAAAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCGTATTGTGATCCTGGCTCTGCGCCTGTGCGACAAGGGCACCTACACCTGCGTGGTTTCAGAAGAATGAGAACGGGTCTTTCAGACGGGAGCACCTGACCTCCGTGACACTGTCCATCAGAGCTGACTTTCTCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCTAATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAAGAAATTAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTAGCAGTGAACCTGGATTTCACATGACAAGCAATCACAGCTTCTTGTGTCTTGTCAAGTATGGAGACTTAACAGTGTACAGACCTTCTACTGGCAAGAATCCAAACCAACCCCTTCTGCTAATCAGCACCTGACCTGGACCATTATTATCCCGGTCTCAGCATTTGGGATTTCTGTGATCATTGCAGTTATACTAATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAATGAAGTGGAAATGCAAAGTTGCTCTCAGTCTCCATGA
SEQ ID NO:260	Round 2 CTLA4 A-F10-1	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTCAGCTCTTGGTGCCCACTGGTCTTTTTTACTTCTGTTCAGGTATCACCCCAAAGAGTGTGACCAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTGACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGTCTGGCCATCCTGCCTGGAAAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCGTATTGTGATCCTGGCTCTGCGCCTGTGCGACAAGGGCACCTACACCTGCGTGGTTTCAGAAGAATGAGAACGGGTCTTTCAGACGGGAGCACCTGACCTCCGTGACACTGTCCATCAGAGCTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCTAATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAAGAAATTAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTAGCAGTGAACCTGGATTTCACATGACAAGCAATCACAGCTTCTTGTGTCTTGTCAAGTATGGAGACTTAACAGTGTACAGACCTTCTACTGGCAAGAATCCAAACCAACCCCTTCTGCTAATCAGCACCTGACCTGGACCATTATTATCCCAGTCTCAGCATTTGGGATTTCTGTGATCATTGCAGTTATACTAATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAATGAAGTGGAAATGCAAAGTTGCTCTCAGTCTCCATGA
SEQ ID NO:261	Round 2 CTLA4 A-G8-1	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTCAGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGACCAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTGACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGTCTGGCCATCCTGCCTGGAAAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCGTATTGTGATCCTGGCTCTGCCCCGTGCGGACAGTGGCACCTACACCTGTGTTATTTCAGAAGCCTGATTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAGCTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCTAATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAAGAAATTAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTAGCAGTGAACCTGGATTTCACATGACAAGCAATCACAGCTTCTTGTGTCTTGTCAAGTATGGAGACTTAACAGTGTACAGACCTTCTACTGGCAAGAATCCAAACCAACCCCTTCTGCTAATCAGCACCTGACCTGGACCATTATTATCCCAGTCTCAGCATTTGGGATTTCTGTGATCATTGCAGTTATACTAATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAATGAAGTGGAAATGCAAAGTTGCTCTCAGTCTCCATGA

		GCAGTGAAGTGGATTTCAACATGACAAGCAATCACAGCTTCTTGTGTCTTGTCAAGTATGG AGACTTAACAGTGTACAGACCTTCTACTGGCAAGAATCCAAACCAACCCCTTCTGCTAAT CAGCACCTGACCTGGACCATTATTATCCAGTCTCAGCATTGGGATTTCTGTGATCATTG CAGTTATACTAACATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAA TGAAGTGGAAATGCAAAGTTGCTCTCAGTCTCCATGA
SEQ ID NO:262	Round 2 CTLA4 A-C9-9	ATGGGTACACAATGAAGTGGGGATCACTACCACCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGTCTACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAAGT ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAATGGTGTGCGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAAAACCGCACCTTCCCCGACATCATTAACAACCTCTC CCTTATGATCCTGGCACTGCGCCTGTGCGACAGGGGCACCTACACCTGCGTGGTTCAGAAG AATGAGAACGGGTCTTTCAGACGGGAGCACCTGACCTCCGTGACACTGTCCATCAGAGCTG ACTTCCCTGTCCCTAGCATAACTGACATTGGACATCCCGCCCCCTAATGTGAAAAGGATAAG ATGCTCCGCTCTGGAGGTTTTCCAGAGCCTCGCTCGCTGGATGGAAGATGGAGAAGAA CTAAACGCCGTCAACACGACGGTTGACCAGGATTTGGACACGGAGCTCTACAGCGTCGGCA GTGAAGTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAATACGGGGA GCTGTGGTGTACAGATCTTCCCTTGGAGCAAACCAAGCAGGAGCCTCCATTGATCAG CTTCCATTCTGGGTCAATTATCCAGTAAGTGGTGTCTTGGTGTCTACTGCGGTAGTTCTCT ACTGCTGGCCCGCAGACATGTTGCGAGGTGGAAAAGAACAAAGGAATGAAGAGACAGT GGGAAGTGAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGAG
SEQ ID NO:263	Round 2 CTLA4 A-H3-6	MGHTLRPGTPLPRCLHLKLCLLLALAGLHFSSGISQVTKSVKEMAALSCDYNISIDELARM RIYWQKDQOMVLSIISGQVEVWPEYKNRTFPDIINNLSLMILALRLSDKGYTCVVQKNEN GSFRREHLTSVTLIRADFPVPSINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGEELNA TNTTLSQDPETKLYMISSELDNFMTSNHSFLCLVKYGDLTVSQTFYWQESKPTPSANQHLT WTIIIPVSAFGISVIIIAVILTCLTCRNAAIRRQRRENEVEMQSCSQSP
SEQ ID NO:264	Round 2 CTLA4 A-B11-5	MGHTMEWGSLLPPKRCLWLSQLLVLTGLFYFCSGITPKSATKRKVTMLSCDYSTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PDLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTLSQDPETKLYMISSELDNFMTSNHSFLCLVKYGDLTVSQTFYWQESKPTPSAN QHLTWTIIIPVSAFGISVIIIAVILTCLTCRNAAIRRQRRENEVEMQSCSQSP
SEQ ID NO:265	Round 2 CTLA4 A-E2-6	MGHTMKWGSLLPPKRCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVVQK NENGSRREHLTSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE LNATNTTLPQDPETKLYMISSELDNFMTSNHSFLCLVKYGDLTVSQTFYWQESKPTPSANQ HLTWTIIIPVSAFGISVIIIAVILTCLTCRNAAIRRQRRENEVEMQSCSQSP
SEQ ID NO:266	Round 2 CTLA4 A-F1-6	MGHTMKWGSLLPPKRCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYSTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDKGYTCVVQK NENGSRREHLTSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE LNATNTTLSQDPETKLYMISSELDNFMTSNHSFLCLVKYGDLTVSQTFYWQESKPTPSANQ HLTWTIIIPVSAFGISVIIIAVILTCLTCRNAAIRRQRRENEVEMQSCSQSP
SEQ ID NO:267	Round 2 CTLA4 A-F6-9	MGHTMKWGSLLPPKRCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYSTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PDLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTLSQDPETKLYMISSELDNFMTSNHSFLCLVKYGDLTVSQTFYWQESKPTPSAN QHLTWTIIIPVSAFGISVIIIAVILTCLTCRNAAIRRQRRENEVEMQSCSQSP
SEQ ID NO:268	Round 2 CTLA4 A-H4-5*	MGHTMKWGSLLPPKRCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYSTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDKGYTCVVQK NENGSRREHLTSVTLIRADFPVPSITDIGHAPNVKIRCSASGGFPEPRLYWLENGE LNATNTTTSQDPGTELYMISSELDNFMTSNHSFLCLIKYGELSVSQTFWPKPKQEPPIQ LPFWIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGAQSSG
SEQ ID NO:269	Round 2 CTLA4 A-B4-6	MDHTMKWGSLLPPKRCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDKGYTCVVQK NENGSRREHLTSVTLIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE LNATNTTLSQDPETKLYMISSELDNFMTSNHSFLCLVKYGDLTVSQTFYWQESKPTPSANQ HLTWTIIIPVSAFGISVIIIAVILTCLTCRNAAIRRQRRENEVEMQSCSQSP
SEQ ID NO:270	Round 2 CTLA4 A-F10-1	MGHTMKWGSLLPPKRCLWLSQLLVPTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDKGYTCVVQK NENGSRREHLTSVTLIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE LNATNTTLSQDPETKLYMISSELDNFMTSNHSFLCLVKYGDLTVSQTLYWQESKPTPSANQ

		HLTWIIIPVSAFGISVIIAVILTCLTCRNAAIRRQRRENEVEMQSCSQSP
SEQ ID NO:271	Round 2 CTLA4 A-G8-1	MGHTVKWGSLLPPKRPLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYNTSTEEL TSLRIYWQKDSKMLVAILPGKVQVWPEYKNRTITDMNDNPRIVILALPLSDSGTYTCVIQK PDLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTLSQDPETKLYMISSELDNFNMTSNHSFLCLVKYGDLTVSQTFYWQESKPTPSAN QHLTWIIIPVSAFGISVIIAVILTCLTCRNAAIRRQRRENEVEMQSCSQSP
SEQ ID NO:272	Round 2 CTLA4 A-C9-9	MGHTMKWGSLLPPKRPLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYSTSTEEL TSLRIYWQKDSKMLVAILPGKVQVWPEYKNRTFPDIINNLSLMILALRLSDRGTYTCVVQK NENGSRREHLTSVTL SIRADFPVPSITDIGH PAPNVKRI RCSASGGFPEPRLAWMEDGEE LNAVNTTVDQDLDT ELYSVGSELDFNVNTNHSIVCLIKYGELSVSQIFPWSKPKQEPPI DQ LPFWVIIIPVSGALVLTAVVLYCLARRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:273	Human B7- 1	ATGGGCCACACACGAGGCAGGGAACATCACCATCCAAGTGTCATACCTCAATTTCTTTC AGCTCTTGGTGCTGGCTGGTCTTTCTCACTTCTGTT CAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATCCTGGCTCTGCGCCCATCTGACGAGGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGGGAACACCTGGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCACACTTCTAATATTAGAAGGATAAATTTGCTC AACCTCTGGAGGTTTTCTGAGCCTCACCTCTCCTGGCTGGGAAATGGAGAAGAATTAAGT GCCATCAACACAACAGTTTCCCAAGATCCTGAAACTGAGCTCTATGCTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACAACCAAGCAAGAGCATTTTCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:274	Rhesus B7-1	ATGGGCCACACACGAGGCAGGAAATATCACCATCCAAGTGTCATACCTCAAGTTCTTTC AGCTCTTGGTGCTGGCTTGCTTTTCTCATTTCTGTT CAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCCGAGTACAAGAACCGGACCATCTTTGATATCACAAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGATGCTTTCAAGCGGGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTCTGAAATTCACCTTCTAACATTAGAAGGATAAATTTGCTC AAACTCTGGAGGTTTTCCAGAGCCTCACCTCTCCTGGTTGGAAAATGGAGAAGAATTAAGT GCCATCAGCACAACAGTTTCCCAAGATCCTGAAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAATCACAGTTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAACACACCAAGCAAGAGCATTTTCTGATAACCTGCTC CCATCCTGGGCCATTATCCTAATCTCAGTAAATGGAATTTTGTGATATGCTGCCTGACCT ACTGTTTTGCCCAAGGTGCAGAGAGAGAAGAAGGAATGAGACATTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:275	Bovine B7-1 (cow)	ATGGGTCACACAATGAAGTGGGGAACACTACCACCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTT CAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAAGTGTGGCTGAATACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG CATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATT CAGAAG CCTGATTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAAGTGGATTTCAACATGACAAGCAATCACAGCTTCTTGTGTCTTGTCAAGTATGG AGACTTAACAGTGTACAGACCTTCTACTGGCAAGAATCCAAACCAACCCCTTCTGCTAAT CAGCACCTGACCTGGACCATTATTATCCAGTCTCAGCATT TGGGATTTCTGTGATCATTG CAGTTATACTAACATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAA TGAAGTGGAAATGGAAAGTTGCTCTCAGTCTCCA
SEQ ID NO:276	Rabbit B7-1	ATGGGCCACACGCTGAGGCCGGGAACCTCACTGCCAGGTGTCTACACCTCAAGCTCTGCC TGCTCTTGGCGCTGGCGGGTCTCCACTTCTCTT CAGGTATCAGCCAGGTACCAAGTCGGT GAAAGAAATPGVCAGCACTGTCTGTGATTACAACATTTCTATCGATGAACCTGGCGAGAATG

		CGCATATACTGGCAGAAGGACCAACAGATGGTGGCTGAGCATCATCTCTGGGCAAGTGGAAG TGTGGCCTGAGTACAAGAACCGCACCTTCCCCGACATCATTAACAACCTCTCCCTTATGAT CCTGGCACTGCGCCTGTCGGACAAGGGCACCTACACCTGCGTGGTTTCTAGAAGAATGAGAAC GGGTCTTTTCAGACGGGAGCACCTGACCTCCGTGACACTGTCCATCAGAGCTGACTTCCCTG TCCCTAGCATAACTGACATTGGACATCCCGACCCCTAATGTGAAAAGGATAAGATGCTCCGC CTCTGGAGGTTTTTCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAAGAACTAAACGCC GTCAACACGACGGTTGACCAGGATTTGGACACGGAGCTCTACAGCGTCAGCAGTGAAGTGG ATTTCAATGTGACAAATAACACAGCATCGTGTGTCTCATCAAATACGGGGAGCTGTCCGGT GTCACAGATCTTCCCTTGGAGCAAACCAAGCAGGAGCCTCCCATTGATCAGCTTCCATTC TGGGTCAATTATCCCAGTAAGTGGTGTCTTGGTGTCTACTGCGGTAGTTCTCTACTGCCTGG CCTGCAGACATGTTGCGAGGTGAAAAAGAAAGGAATGAAGAGACAGTGGGAAGTGA AAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:277	Cat B7-1	ATGGGTCACGCAGCAAAGTGGAAAACACCACTACTGAAGCACCCATATCCCAAGCTCTTTC CGCTCTTGATGCTAGCTAGTCTTTTACTTCTGTTTCAGGTATCATCCAGGTGAACAAGAC AGTGGAGAAGTAGCAGTACTATCCTGTGATTACAACATTTCCACCAAAGAACTGACGGAA ATTGCAATCTATTGGCAAAGGATGATGAAATGGTGTGGCTGTCTGTCTGGCAAAGTAC AAGTGTGGCCCAAGTACAAGAACCGCACATTCCTGACGTCACCGATAACCACTCCATTGT GATCATGGCTCTGCGCCTGTCAGACAATGGCAAATACACTTGTATTATTCAAAGATGAA AAAGGGTCTTACAAAGTGAAACACCTGACTTCGGTGATGTTATTGGTCAGAGCTGACTTCC CTGTCCCTAGTATAACTGATCTTGGAAATCCATCTCATAACATCAAAGGATAATGTGCTT AACTTCTGGAGGTTTTTCAAAGCCTCACCTCTCCTGGCTGGAAAATGAAGAAGAAATTAAT GCCATCAACACAACAGTTTCCCAAGATCCTGAAACTGAGCTCTACACTATTAGCAGTGAAC TGGATTTCAATATGACAAACAACCATAGCTTCTGTGTCTTGTCAAGTATGGAACTTACT AGTATCACAGATCTTCAACTGGCAAAAATCAGAGCCACAGCCTTCTAATAATCAGCTCTGG ATCATTATCCTGAGCTCAGTAGTAAGTGGGATTGTTGTGATCACTGCACTTACCTTAAGAT GCCTAGTCCACAGACCTGTCTGCAAGGTGGAGACAAAGAGAAATGGGGAGAGCGCGGAAATG GAAAAGATCTCACCTGTCTACATAGATTCTGCAGAACCACCTGTATGCAGAGCATCTGGAGG TAGCCTCTTTAGCTCTTCTACTAGT
SEQ ID NO:278	Human B7- 1 (signal sequence underline d)	MGHTRRQGTSPSKCPYLNFQQLLVLAGLSHFCSGVIHVTKEVKEVATLSCGHNVSVEELAQ TRIWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVTLVKADFPPTPSISDFEIPTSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPETELYAVSSKLDNFMTTNHSMCLIKYGLRVNQTFNWNNTTKQEHFPDNL PSWAITLISVNGIFVICCLTYCFAPRCRERRRNERLRRESVRPV
SEQ ID NO:279	Rhesus B7-1	MGHTRRQGISPSKCPYLKFFQQLLVLAACLSHFCSGVIHVTKEVKEVATLSCGHNVSVEELAQ TRIWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVTLVKADFPPTPSITDFEIPPSNIRRIICSTSGGFPEPRLSWLENGEELN AISTTVSQDPETELYTVSSKLDNFMTTNHSMCLIKYGLRVNQTFNWNTPKQEHFPDNL PSWAITLISVNGIFVICCLTHCFAPRCRERRRNETLRRESVRPV
SEQ ID NO:280	Bovine B7-1	MGHTMKWGSLLPPKRPCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNSTEEEL TSLRIYWQKDSKMLVLAIPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PDLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTSLSQDPETKLYMISSELDNFMTTNHSLCLVKYGDLTVSQTFYWQESKPTPSAN QHLTWTIIIPVSAFGISVIIAVILTCLTCRNAAIRRQRRENEVEMQSCSQSP
SEQ ID NO:281	Rabbit B7-1	MGHTLRPGTPLPRCLHLKLCLLLALAGLHFSGGISQVTKSVKEMAALSCDYNISIDELARM RIYWQKDDQMVLSIISGQVEVWPEYKNRTFPDIINNLSLMILALRLSDKGTYTCVVQKNEN GSFRREHLTSVTLIRADFPVPSITDIGHAPPNVKRIRCSASGGFPEPRLAWMEDGEELNA VNTTVDQDLDTELYSVSSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPIQDLPF WVPIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERTLSPIYLGSAQSSG
SEQ ID NO:282	Cat B7-1	MGHAAKWKTPLLKHPYPKLFPLMLASLFYFCSGIIQVKNKTVEEVAVLSCDYNISTKELTE IRIYWQKDDQMVLSIISGQVEVWPEYKNRTFTDVTDNHSIVIMALRLSDNGKYTCIIQKIE KGSYKVKHLTSVMLLVRAFPVPSITDLGNPSPNIRRLICSTSGGFPRPHLYWLENEEELN AINTTVSQDPETELYTISSELDNFMTTNHSLCLVKYGNLLVSQIFNWKQSEPQPSNNQLW IILSSVSGIVVITALTLRCLVHRPAARWRQREMGRARKWKRSHLST
SEQ ID NO:283	CD28BP Consensus	MGHTMKWGSLLPPKRPCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNSTEEEL TSLRIYWQKDSKMLVLAIPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTTSQDPDELYMISSELDNFMTTNHSLCLVKYGNLLVSQIFPWSKPKQEPPIQDLPF WVPIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERTLSPIYLGSAQSSG
SEQ ID	CD28BP	MGHTMXWXSLLPPKXPCLXXXQLLVLTXLFYFCSGITPKSVTKRVKETVMLSCDYXTSTEXL

NO:284	CGformC	TSLRIYWXXKDSKMLAILPGKVQVWPEYKNRTITDMNDNXRIVIXALRXSDXGTYTCVXQK PXLKGAYKLEHLXSVRLMIRADFPVPXXXDLGNPSPNIRRLICSTXXXGFPRLXWLENGE ELNATNTTXXSQDPXTXLYMISSSELXFNVTNNXSIXCLIKYGELXVSQIFPWSKPKQEPPID QLPFXVIIIPVSGALVLAAXVLYXXACRHXARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:285	CD28BP CG1c	MGHTMKWRSPPKRPCLWPSQLLVLTDLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRPSDKGTYTCVVQK PVLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLCWLENGE ELNATNTTVSQDPGTELYMISSSELGFNVTNNHSIACLIKYGELSVSQIFPWSKPKQEPPID QLPFWVIIIPVSGALVLAADVLYRPACRHRGARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:286	CTLA4BP Consensus	MGHTRRQGISPSKCPYLKFFQLLVLACLSHFCSGVIHVTKEVKEVATLSCGHNVSVVEELAQ TRIHQWKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVMLSVKADFPPTPSISDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPETELYTVSSKLDNFMTTNHSMCLIKYGHRLVNQTFNWNTPKQEHFPDNL PSWAITLISVNGIFVICCLTYCFAPRCRERRRRNERLRRESVRPV
SEQ ID NO:287	CTLA4BP CGform	MGHTRRQGTSPXKCPYLKFFQLLVXACLXHLCSGVIHVTXEVKEVATLSCGLNVSVVEELAQ TRIHQWKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYX KDAFKRXHLAEVMLSVKADFPPTPSITDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AINTTVSQDPETXLYTVSSKLDNFMTANHSFMCLIXYGHRLVNQTFNWNTPKQEHFPXNLL PSWAITLISANGIFVICCLTYRFAPRCRERKSNETLRRESVCPV
SEQ ID NO:288	CTLA4BP CG1	MGHTRRQGTSPPECPYLKFFQLLVMACLPHLCSGVIHVTREVKEVATLPCGLNVSVVEELAQ TPIHWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYD KDAFKQKHLAEVMLSVKADFPPTPSITDFEIPPSNIKRIICSASGGFPEPHLFLGLENGEIN AINTTVSQDPETGLYTVSSKLDNFMTADHNFMCILIRYGHRLVNQTFNWNTPKQEHFPNNPL PSWAITLISANGIFVICCPTYRFAPGCRERKSNETLRRESVCPV
SEQ ID NO:289	CTLA4BP CG2	MGHTRRQGTSPSKCPYLKFFQLLVLACLSHLCSGVIHVTKEVKEVATLSCGLNVSVVEELAQ TRIHQWKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVMLSVKADFPPTPSITDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AINTTVSQDPETELYTVSSKLDNFMTANHSFMCLIKYGHRLVNQTFNWNTPKQEHFPDNL PSWAITLISANGIFVICCLTYRFAPRCRERKSNETLRRESVCPV
SEQ ID NO:290	CD28BP CGformD	MGHTMKWGSPPKRPCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMXSCDYXXSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDXGTYTCVXQK XXXXGXXXXEHLXSVXLXIRADFPVPSITDIGHAPPNVKRIRCSASGXFPPEPLAWMEDGE ELNAVNTTVXXXLDTELYSVSSELDXNXTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVIXXVSGALVLTAVVLYCLACRHVAR
SEQ ID NO:291	CD28BP CG1d	MGHTMKWGSPPKRPCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNASTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLASVRLMIRADFPVPSITDIGHAPPNVKRIRCSASGDFPEPLAWMEDGE ELNAVNTTVDQDLDTELYSVSSELDSNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVIIILVSGALVLTAVVLYCLACRHVAR
SEQ ID NO:292	CD28BP CGformB	MGHTMKWXLPPKRPCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYXTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRXSDSGTYTCVIQK PXLKGAYKLEHLXSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGX ELNATNTTXXSQDPETKLYMISSSELDFNXTSNXXXLCLVKYGDLTVSQXFYWQESKPTPSAN QHLTWTIIIPVSAFGISVIIAVILTCLTCRNAAIRRQRRENEVXMXSCSQSP
SEQ ID NO:293	CD28BP CG1b	MGHTMKWGTLPKRPCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PDLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGK ELNATNTTLSQDPETKLYMISSSELDFNMTSNHSFLCLVKYGDLTVSQTFYWQESKPTPSAN QHLTWTIIIPVSAFGISVIIAVILTCLTCRNAAIRRQRRENEVKMESCSQSP